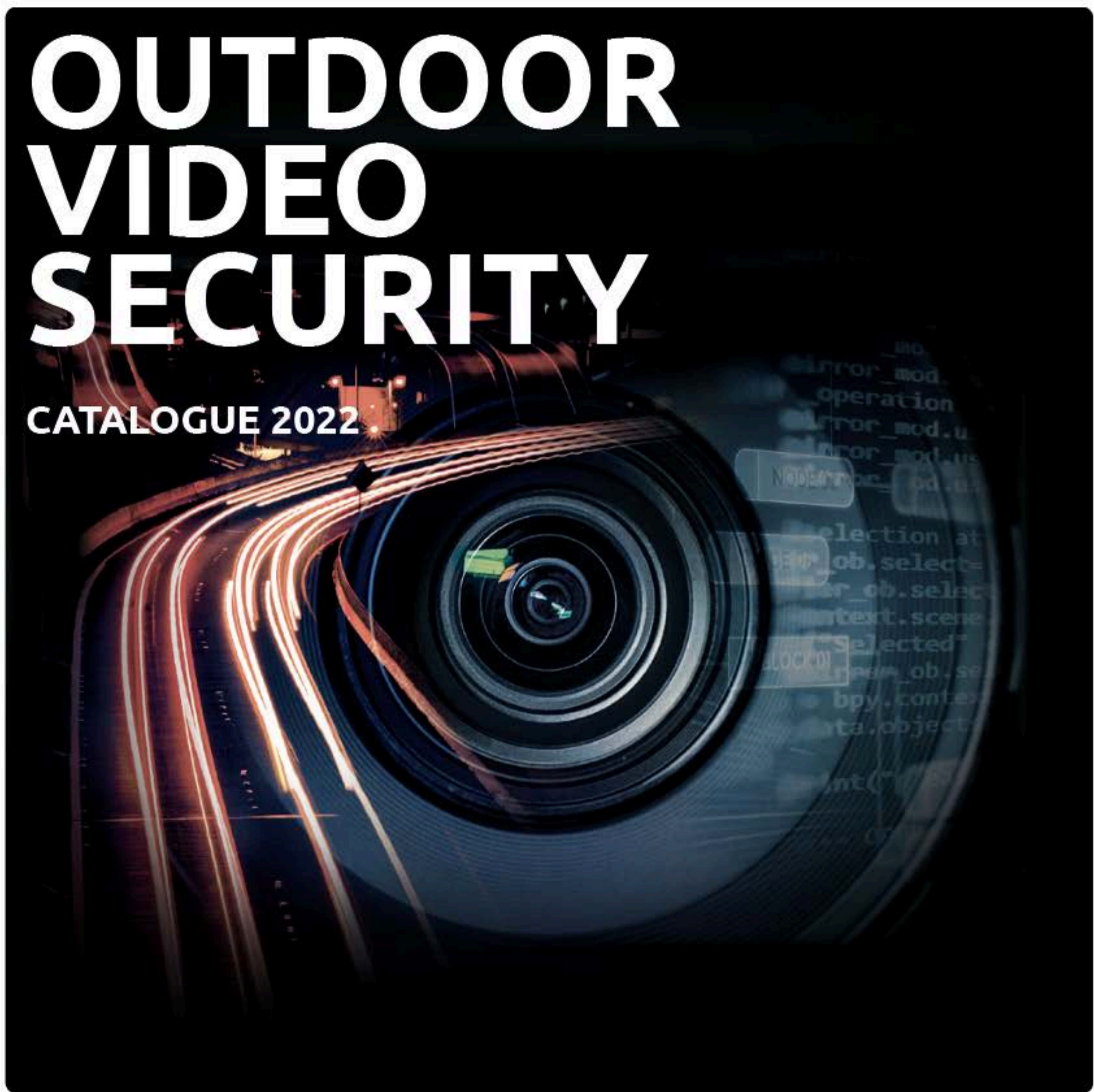


OUTDOOR VIDEO SECURITY

CATALOGUE 2022



EN

VIDEOTEC
OUTDOOR VIDEO SECURITY

**WITNESS THE EVOLUTION OF
OUTDOOR VIDEO SECURITY**

Videotec has been operating in the security sector since 1986. The company specialises in the design and production of industrial video surveillance products for outdoor environments.

**COMPLETE CONTROL, FROM DESIGN
TO PRODUCTION.**

We are proud to say that all our video surveillance products are "Made by Videotec". We are experts in all production areas, meaning we have 100% control and can enhance technical evolution in mechanics, electronics, positioning, networking, software and firmware.

OUR SKILL, YOUR CUSTOMISED SOLUTIONS.

Being highly skilled in the 360° design and production of video surveillance products means we can satisfy all requests for customised solutions or integration with third-party systems, always guaranteeing quality, cyber-security, reliability and cutting-edge technology.

OUR STRENGTH, YOUR GROWTH.

We always want to do our best. Our strength comes from our constant commitment to foster skill, ingenuity, and the ability to innovate and arrive at the best solution. That is why our products are used worldwide: our devotion to customer satisfaction means that we are the winning choice.

**CERTIFIED QUALITY AS A COMPETITIVE
ADVANTAGE**

Videotec is an ISO 9001:2015 & ISO 14001:2015 certified company.



OUR PRODUCT LINE-UP

Videotec specialises in creating high-performance video surveillance products to monitor external environments that fulfil all market requirements. Skilled craftsmen come together with a team of qualified engineers, and our products are born – destined to be appreciated for their design, performance and durability.



DIFFERENTIATORS: 100% INTERNAL KNOW-HOW AND TECHNOLOGY

Designed to be zero maintenance.

Durability: 3 Years warranty as a standard. Extended warranty available up to 5 years.

Variety of custom choices: Build the best product configuration for your specific application in house.

Certified products: From international industry standards and other environmental product testing.

Open standard integration: Contributing member of ONVIF Testing of VMS and third-party products.

Additional services: Factory/Site Acceptance Testing Videotec Technical Training.

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**VERTICAL MARKETS:
UNLIMITED FIELDS OF APPLICATION**

The field of use of our broad product range is extremely vast: traffic control, urban surveillance, government applications, public and private facilities, commercial business, prisons, stadiums and border control.

We have a strong presence in special industries such as offshore/onshore Oil & Gas industry, marine and harbour applications, environments with high temperatures or particularly severe climatic conditions.

CRITICAL AREAS

Protecting critical infrastructures such as borders, stadiums, airports, electrical systems, and ensuring transport safety is essential to guaranteeing vital societal and economic services.

OIL AND GAS AREAS

Sophisticated products and technologies are needed to ensure safe operation in the complicated sector of offshore/onshore oil & gas exploration, and related production activities.

MARINE AREAS

Security and safety management plays a vital role in onshore and offshore marine environments. Effective video surveillance of critical environments and sensitive processes is vital to ensure continuity and protect lives and property.

**CRITICAL
INFRASTRUCTURE
AND
TRANSPORTATION**



**OIL & GAS
AND HAZARDOUS
AREAS**



**MARINE OFFSHORE
& ONSHORE
ENVIRONMENTS**



VIDEO SECURITY FOR CRITICAL INFRASTRUCTURE AND TRANSPORTATION

Protecting critical infrastructures such as borders, stadiums, airports, electrical systems, and ensuring transport safety is essential to guaranteeing vital societal and economic services.

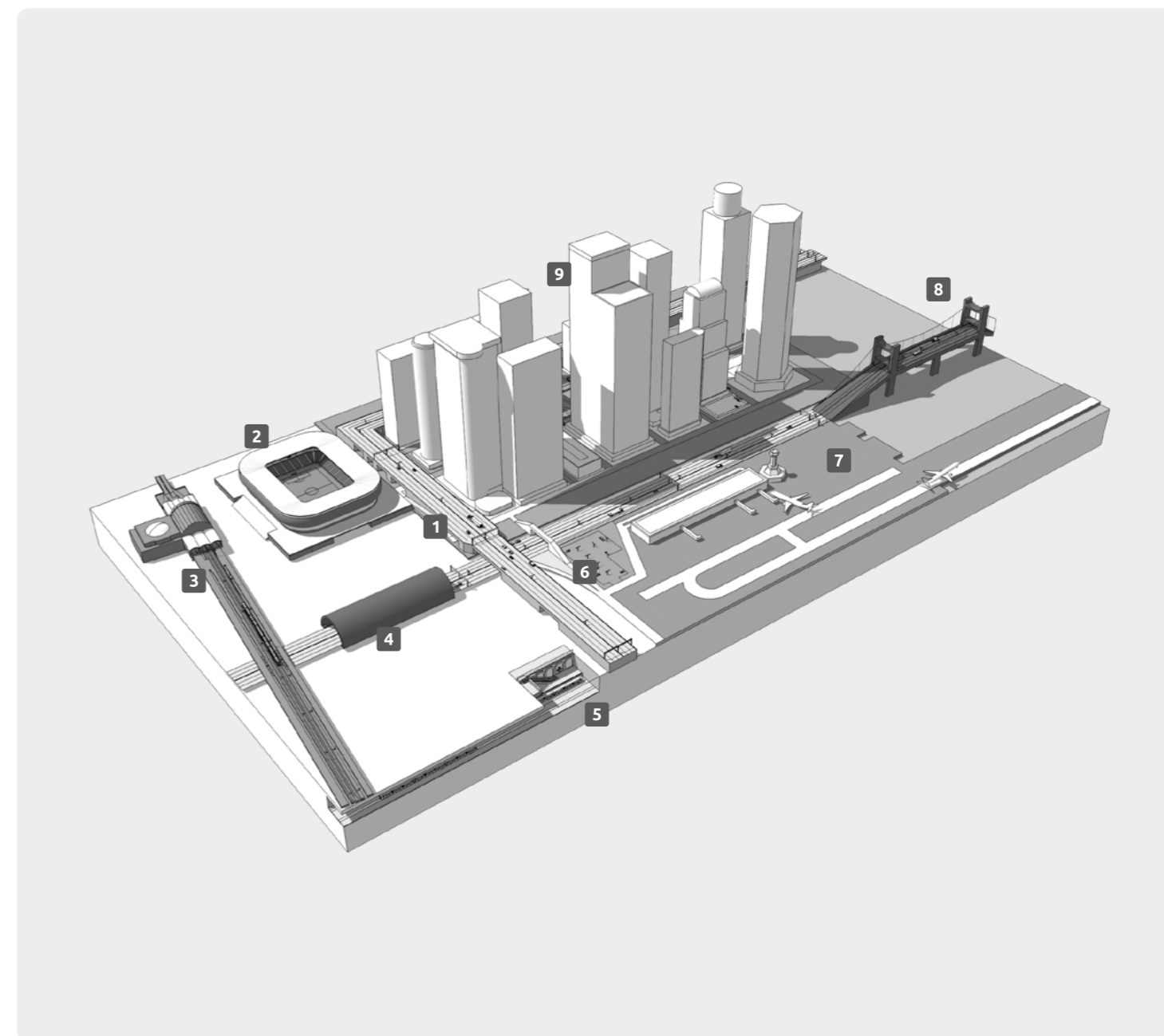
EFFECTIVE IN ANY CRITICAL SITUATION

Videotec video surveillance products can fulfil even the most complex requirements:

- protection of strategic infrastructures and railways
- monitoring road and motorway traffic
- urban safety and protection of external environments
- long-range surveillance

All our products are designed to be used outdoors 24/7 and require no maintenance.

They cover large areas without issue and deliver high quality video, even in extreme environmental or weather conditions.



CRITICAL AREAS



1. HIGHWAYS



4. TUNNELS



7. AIRPORTS



2. STADIUMS



5. UNDERGROUNDS



8. BRIDGES



3. RAILWAYS AND STATIONS



6. PARKING LOTS



9. CITY SURVEILLANCE

VIDEO SECURITY FOR OIL & GAS AND HAZARDOUS AREAS

Sophisticated products and technologies are needed to ensure safe operation in the complicated sector of offshore/onshore oil & gas exploration, and related production activities.

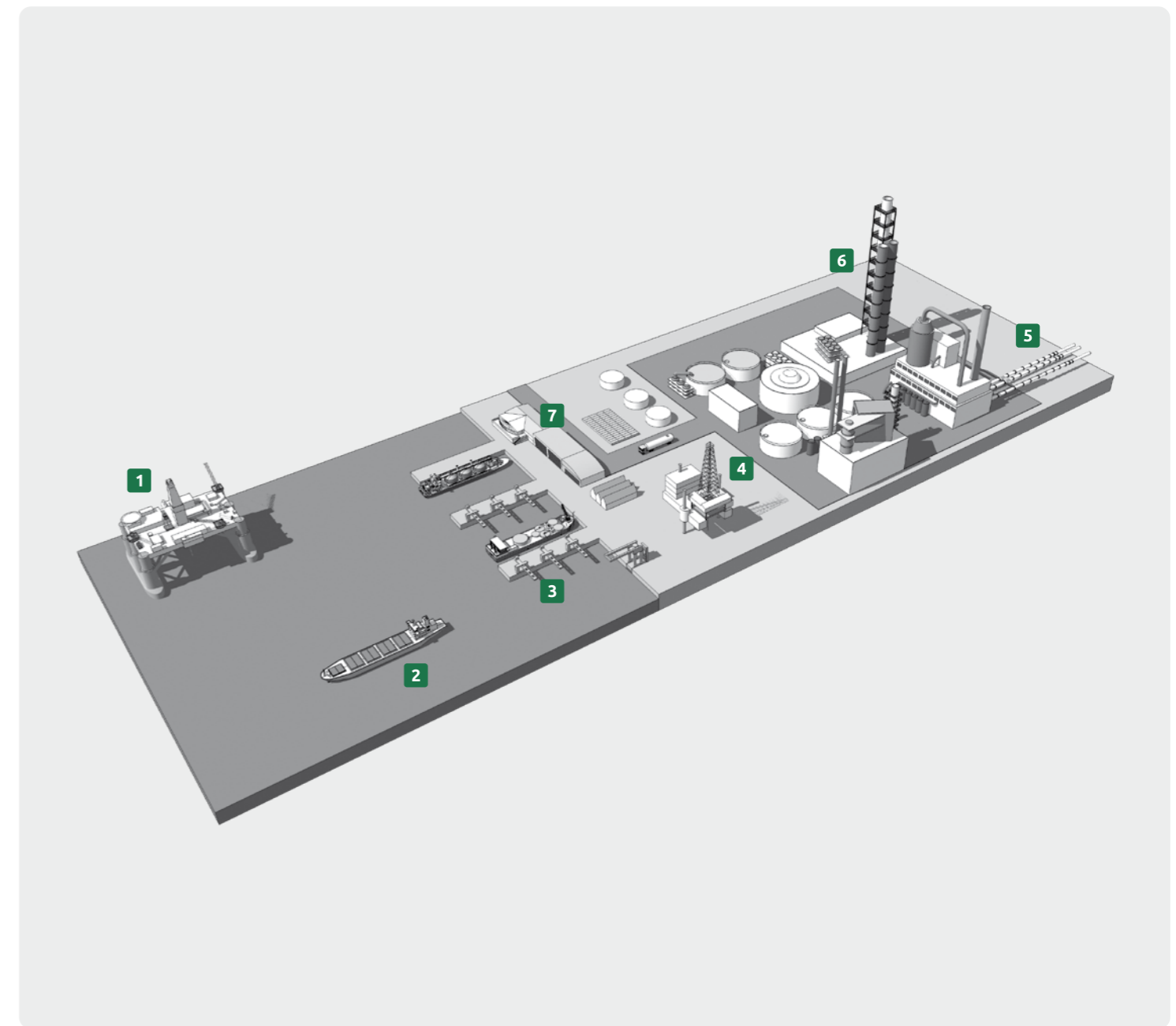
EXPLOSION-PROOF

As a result of our years of expertise, we can design and manufacture any equipment necessary, with complete understanding of rigorous requirements that might change depending on the country of installation, environment type, or application. Creating a customised solution is a strength of ours.

We can produce customised video surveillance products and systems capable of responding to any challenge, in any dangerous environment.

These solutions include the most advanced technologies, specially developed for effective and long-lasting operation in the marine industry. Videotec ex-proof products comprise an excellent portfolio of international certificates, obtained through hundreds of validation tests to ensure compliance with standards for installation in potentially explosive environments where flammable gases and dust are present.

Our products are 100% designed and manufactured internally using optimum quality components and cutting-edge materials, guaranteeing that they are robust, reliable, and high performing.



OIL & GAS AREAS



1. OIL & GAS PLATFORMS



2. OIL & GAS TANKERS



3. SHIP DOCKING



4. DRILLING RIGS



5. PIPELINES



6. INDUSTRY PLANTS



7. TERMINAL

VIDEO SECURITY FOR MARINE OFFSHORE & ONSHORE ENVIRONMENTS

Security and safety management plays a vital role in onshore and offshore marine environments. Effective video surveillance of critical environments and sensitive processes is vital to ensure continuity and protect lives and property.

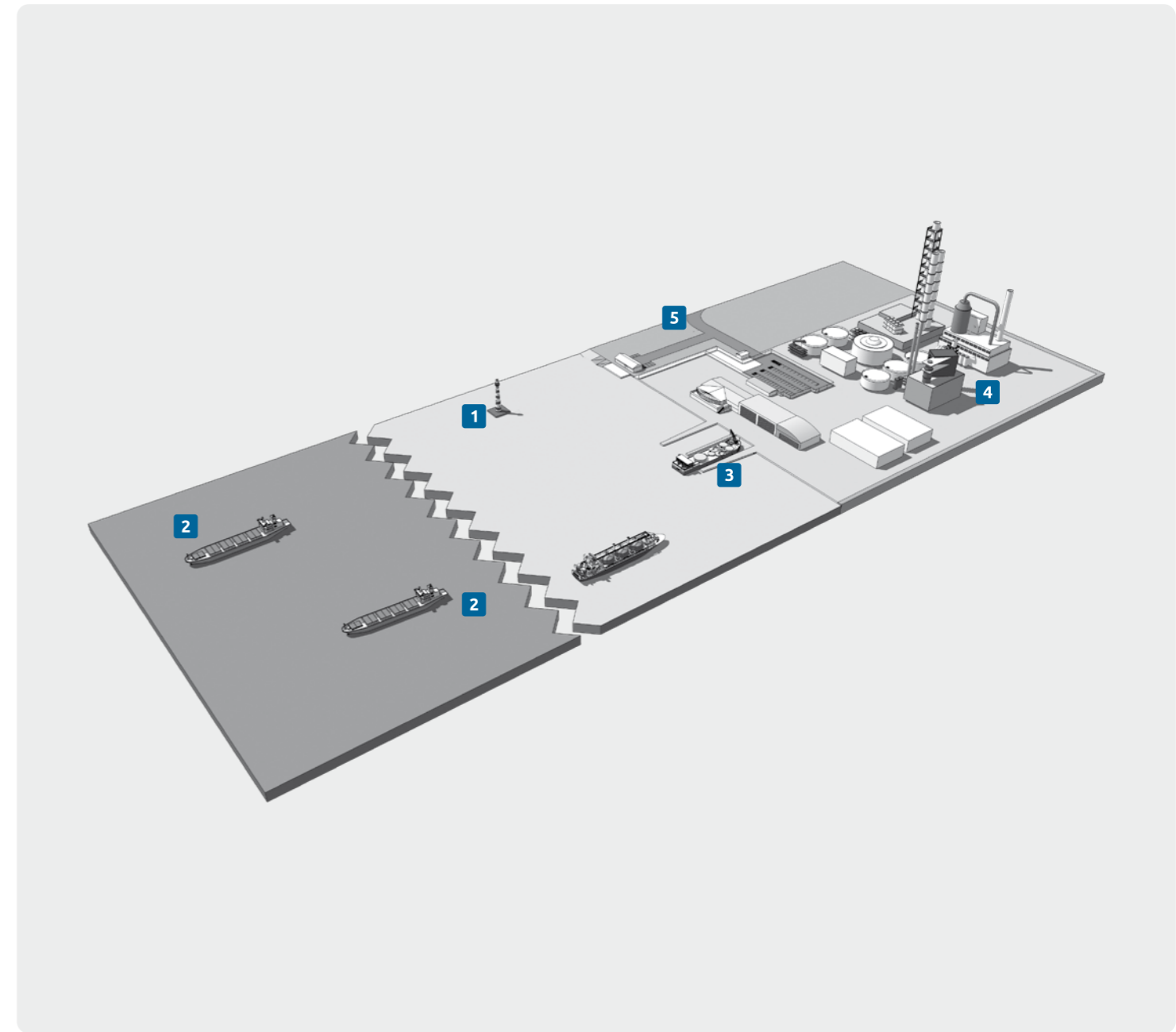
EFFECTIVE IN ANY CONDITIONS

Our 35 years of experience have gained us substantial knowledge when it comes to creating video surveillance products and systems that are suitable for any critical environment and capable of responding to complex and evolving challenges.

Marine surveillance camera stations operate in one of the harshest natural environments.

So that they can operate effectively in the environments of offshore and onshore marine industries, we design our products in accordance with the most stringent quality specifications, incorporating the most advanced technical features.

Videotec products are 100% designed and manufactured internally using optimum quality components and cutting-edge materials, guaranteeing that they are robust, reliable, and high performing.



MARINE AREAS



1. OFFSHORE



2. MARITIME NAVIGATION



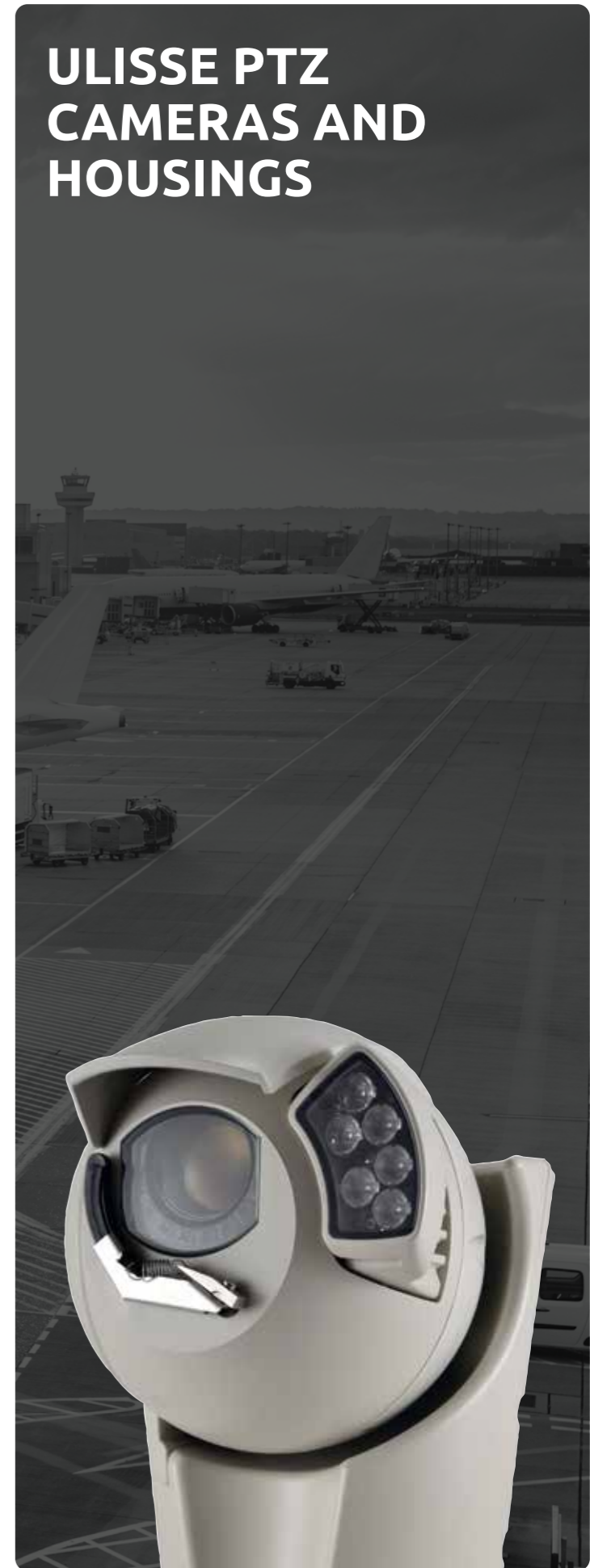
3. SHIP DOCKING



4. ONSHORE
INDUSTRIAL PROCESS CONTROL



5. ONSHORE
PERIMETER APPLICATIONS



ULISSE PTZ CAMERAS AND HOUSINGS



ULISSE EVO

ULISSE PTZ CAMERAS



The **ULISSE EVO** PTZ cameras combine high technology, design and competitiveness and guarantee safe video surveillance in town centres, transport, critical infrastructures and marine applications.

The robust design and the lightweight simplify installation operations. This PTZ offers unbeatable resistance to the wind in continuous operation up to 230km/h, IK10 impact, and maintains maximum efficiency with temperatures from -40°C to +65°C.

The ULISSE EVO cameras are unbeatable for their exceptionally bright images even in difficult lighting conditions and provide video recordings with crisp details and vivid colours by day and night.

ULISSE EVO is available with an integrated super low-light camera with 30x motorised zoom, with **Delux** video encoding technology.

Alternatively, the models with **Sony FCB-EV7520** camera offer an electronic image stabiliser, advanced HLC technology and dynamic masking of privacy zones.

Models are available with integrated video analysis.

The **ULISSE EVO DUAL** provides two independent videos simultaneously from a high-sensitivity visual camera and a thermal camera.

The **ULISSE EVO THERMAL** versions integrate a thermal camera with radiometric functions. The thermal camera can identify targets moving in the dark or from a distance with extreme accuracy.



ULISSE EVO

ULISSE PTZ CAMERAS



ULISSE EVO



ULISSE EVO DUAL



ULISSE EVO THERMAL

CAMERA	SONY FCB-EV7520	DELUX TECHNOLOGY	ULISSE EVO DUAL	ULISSE EVO THERMAL
Type of camera	Day/Night camera	Day/Night camera	Day/Night camera + Thermal camera	Thermal camera
Radiometric analysis	-	-	-	✓
Image electronic stabilizer	✓	-	✓	-
Resolution	Day/Night: Full HD (1920x1080)	Day/Night: Full HD (1920x1080)	Day/Night: Full HD (1920x1080) Thermal camera: 720x480 (interpolated resolution)	720x480 (interpolated resolution)
Minimum illumination	Colour: 0.0013lx; (50 IRE, High sensitivity on) B/W: 0.0008lx; (30 IRE, High sensitivity on)	Colour: 0.006lx (F1.6, 30 IRE) B/W: 0.0006lx (F1.6, 30 IRE)	0.0013lx (50 IRE, High sensitivity on) B/W: 0.0008lx (30 IRE, High sensitivity on)	-
Zoom	30x (360x with digital zoom)	30x (480x with digital zoom)	Thermal camera (digital Zoom): 8x Day/Night: 30x (360x with digital zoom)	2x, 4x (336x256) 2x, 4x, 8x (640x512)
Lens	f= from 4.3mm (wide) up to 129mm (tele), from F1.6 up to F14	f= from 4.5mm (wide) up to 135mm (tele), from F1.6 up to F9.6	Thermal camera: 6.3mm, 9.1mm, 18mm, 25mm, 35mm, 50mm Day/Night: f= from 4.3mm (wide) up to 129mm (tele), from F1.6 up to F14	9mm, 13mm, 19mm, 25mm, 35mm
Privacy zones masking	✓ (dynamic masking)	✓	✓ (dynamic masking)	-
MECHANICAL				
Material	Aluminium and Tecopolymer	Aluminium and Tecopolymer	Aluminium and Tecopolymer	Aluminium and Tecopolymer
Unit weight	7.1kg (15.6lb) (7.4kg (16.3lb) with LED illuminator)	7.1kg (15.6lb) (7.4kg (16.3lb) with LED illuminator)	7.4kg (16.3lb)	7.1kg (15.6lb)
Horizontal rotation	360°, continuous rotation	360°, continuous rotation	360°, continuous rotation	360°, continuous rotation
Vertical rotation	From -90° up to +90°	From -90° up to +90°	From -90° up to +90°	From -90° up to +90°
Horizontal speed (variable)	From 0.1°/s up to 250°/s	From 0.1°/s up to 250°/s	From 0.1°/s up to 250°/s	From 0.1°/s up to 250°/s
Tilt speed (variable)	From 0.1°/s up to 250°/s	From 0.1°/s up to 250°/s	From 0.1°/s up to 250°/s	From 0.1°/s up to 250°/s
Position accuracy	0.05°	0.05°	0.05°	0.05°
ELECTRICAL				
Supply voltage/current consumption	24Vac, 5A, 50/60Hz 24Vdc, 5A PoE 90W	24Vac, 5A, 50/60Hz 24Vdc, 5A PoE 90W	24Vac, 5A, 50/60Hz 24Vdc, 5A PoE 90W	24Vac, 5A, 50/60Hz 24Vdc, 5A PoE 90W
Power consumption	57W max (peak on switch-on, heating switched on, de-icing function)	57W max (peak on switch-on, heating switched on, de-icing function)	57W max (peak on switch-on, heating switched on, de-icing function)	57W max (peak on switch-on, heating switched on, de-icing function)
SOFTWARE				
Communication protocol	ONVIF, Profile Q, Profile S and Profile T	ONVIF, Profile Q, Profile S and Profile T	ONVIF, Profile Q, Profile S and Profile T	ONVIF, Profile Q, Profile S and Profile T
Video compression	H.264/AVC, MJPEG, MPEG4, snapshot JPEG	H.264/AVC, MJPEG, MPEG4, snapshot JPEG	H.264/AVC, MJPEG, MPEG4, snapshot JPEG	H.264/AVC, MJPEG, MPEG4, snapshot JPEG
Video analytics	optional	optional	-	-
Cybersecurity	✓	✓	✓	✓
ENVIRONMENT				
Operating temperature	From -40°C (-40°F) up to +65°C (149°F) (continuous working)	From -40°C (-40°F) up to +65°C (149°F) (continuous working)	From -40°C (-40°F) up to +65°C (149°F) (continuous working)	From -40°C (-40°F) up to +65°C (149°F) (continuous working)
Compliance to railway applications	✓	✓	✓	✓
Relative humidity	From 5% up to 95%	From 5% up to 95%	From 5% up to 95%	From 5% up to 95%
Marine Certification	Lloyd's Register Marine Type Approval	Lloyd's Register Marine Type Approval	Lloyd's Register Marine Type Approval	Lloyd's Register Marine Type Approval

ULISSE EVO



ULISSE EVO - CONFIGURATION OPTIONS

	Voltage	Camera	Colour	Video Analytics	Revision
UE	2 24Vac, 24Vdc, PoE 90W	1 Super low-light Day/Night camera, FULL HD 1080p, 30x, with DELUX technology	A Grey-white (RAL9002)	000 Without integrated video analytics (without VIDEOTECH ANALYTICS)	A Complies with ONVIF, Profile Q, Profile S and Profile T
		2 SONY FCB-EV7520 camera, FULL HD 1080p, 30x	F Black (RAL9005)	V00 With integrated video analytics (VIDEOTECH ANALYTICS)	J Complies with ONVIF, Profile S and Profile T

ULISSE EVO DUAL - CONFIGURATION OPTIONS

	Voltage	Day/Night camera	Thermal camera	Colour	Revision	Frequency
UED	2 24Vac, 24Vdc, PoE 90W	2 SONY FCB-EV7520 camera, FULL HD 1080p, 30x	C Thermal camera 6.3mm, 320x256	A Grey-white (RAL9002)	000 A Complies with ONVIF, Profile Q, Profile S and Profile T	- 7.5Hz
			D Thermal camera 9.1mm, 320x256		J Complies with ONVIF, Profile S and Profile T	H 30Hz
			F Thermal camera 18mm, 320x256			
			I Thermal camera 8.7mm, 640x512			
			L Thermal camera 14mm, 640x512			
			N Thermal camera 24.4mm, 640x512			

ULISSE EVO THERMAL - CONFIGURATION OPTIONS

	Voltage	Camera	Colour	Radiometry	Revision	Frequency
UET	2 24Vac, 24Vdc, PoE 90W	I Thermal camera 35mm, 336x256	A Grey-white (RAL9002)	000 Thermal camera with radiometric functions	A	- 7.5Hz
		L Thermal camera 25mm, 336x256	F Black (RAL9005)	0R0 Thermal camera with advanced radiometric functions		H 30Hz
		Z Thermal camera 19mm, 336x256				
		M Thermal camera 13mm, 336x256				
		Q Thermal camera 9mm, 336x256				
		D Thermal camera 35mm, 640x512				
		E Thermal camera 25mm, 640x512				
		U Thermal camera 19mm, 640x512				
		G Thermal camera 13mm, 640x512				
		H Thermal camera 9mm, 640x512				

Focal length 9mm available on request.





ULISSE

ULISSE PTZ CAMERAS AND UNITS



The robust **ULISSE** PTZ units guarantee maximum surveillance coverage in every outdoor environment, even the most difficult, without maintenance interventions. The ULISSE PTZs combine high speed with utmost tracking accuracy, both in manual and patrol operation.

The **ULISSE2** is a Full-IP PTZ unit that boasts outstanding functional performance and the ability to manage all third-party ONVIF-S IP cameras. You can directly access the camera via a browser, with a single IP address, allowing control over configuration and diagnostics. ULISSE2 is compatible with 4K cameras.

The **ULISSE MAXI** and **ULISSE MAXI NETCAM** are robust and efficient PTZ camera units designed to ensure dynamic, non-stop surveillance of large outdoor areas whilst withstanding harsh weather conditions. This model can house and manage the largest motorised lenses on the market, taking a total weight up to nearly 8 kilos.

The **ULISSE RADICAL** is a ready-to-use, Full HD network PTZ system that offers a high-quality camera/lens combination. It is pre-configured and pre-assembled at the factory, ensuring seamless operation with simplified installation.



ULISSE RADICAL

ULISSE PTZ CAMERAS



ULISSE RADICAL



ULISSE RADICAL THERMAL

Video output	IP video output	IP video output	Analogue video output
CAMERA		IP	ANALOGUE
Type of camera	Day/Night camera	Thermal camera 640x512 (7.5-8.3Hz, 25-30Hz) Thermal camera 336x256 (7.5-8.3Hz, 25-30Hz)	Thermal camera 640x512 (7.5-8.3Hz, 25-30Hz) Thermal camera 336x256 (7.5-8.3Hz, 25-30Hz)
Resolution	Full HD (1920x1080)	Full D1 (720x576 PAL, 720x480 NTSC)	Full D1 (720x576 PAL, 720x480 NTSC)
Zoom	33x	3x (continuous zoom), digital zoom up to 8x, 24x total zoom	3x (continuous zoom), digital zoom up to 8x, 24x total zoom
Lens	f= from 15.2mm up to 500mm, F3.0 (Thermal compensation system and Visible Cut Filter)	f= from 35 up to 105mm, F1.6	f= from 35 up to 105mm, F1.6
MECHANICAL			
Material	Aluminium and Tecopolymer	Aluminium and Tecopolymer	Aluminium and Tecopolymer
Horizontal rotation	360°, continuous rotation	360°, continuous rotation	360°, continuous rotation
Vertical rotation	From +45° up to -20°	From +90° up to -40°	From +90° up to -40°
Horizontal speed (variable)	From 0.02°/s up to 20°/s	From 0.02°/s up to 100°/s	From 0.02°/s up to 100°/s
Tilt speed (variable)	From 0.02°/s up to 20°/s	From 0.02°/s up to 50°/s	From 0.02°/s up to 50°/s
Position accuracy	0.02°	0.02°	0.02°
Glass cleaning device	Integrated wiper	-	-
ELECTRICAL			
Supply voltage/current consumption	230Vac, 0.4A, 50/60Hz 120Vac, 0.8A, 50/60Hz 24Vac, 4A, 50/60Hz	230Vac, 0.4A, 50/60Hz 120Vac, 0.8A, 50/60Hz 24Vac, 4A, 50/60Hz	230Vac, 0.4A, 50/60Hz 120Vac, 0.8A, 50/60Hz 24Vac, 4A, 50/60Hz
Power consumption	Version with LED illuminators: 190W max Version without LED illuminators: 100W max	100W max	100W max
SOFTWARE			
Communication protocol	ONVIF, Profile S	ONVIF, Profile S	-
Video compression	H.264/AVC, MJPEG	H.264/AVC, MJPEG	-
Serial communication protocol	-	-	AMERICAN DYNAMICS, ERNITEC, PANASONIC, PELCO D, VIDEOTEC MACRO
ENVIRONMENT			
Operating temperature	From -30°C (-22°F) up to +60°C (140°F)	From -40°C (-40°F) up to +65°C (149°F)	From -40°C (-40°F) up to +65°C (149°F)
Relative humidity	From 10% up to 95% (no condensation)	From 10% up to 95% (no condensation)	From 10% up to 95% (no condensation)

ULISSE RADICAL - CONFIGURATION OPTIONS

	Voltage	Camera	Lens	Options	Video Output
UPK	1 230Vac	P Full HD 60fps Sensor CMOS 1/2.8"	E Zoom 33x with Thermal Compensation and Visible Cut Filter	W With wiper and counterweights	A N ONVIF protocol, Profile S 00B
	2 24Vac			J With wiper, counterweights and prearranged for UPTIRN (only 24Vac, illuminators not included)	
	3 120Vac				

ULISSE RADICAL THERMAL - CONFIGURATION OPTIONS

	Voltage	Thermal Camera	Lens	Video Output	Frequency
UPKT	1 230Vac	A 640x512 pixel	F Thermal zoom 3x	0 Analog control	00A - 7.5-8.3Hz
	2 24Vac	B 336x256 pixel		N IP H.264/AVC control, Protocol ONVIF Profile S	H 25-30Hz
	3 120Vac				

For a quick breakdown of all available codes, you can also use our PTZ CONFIGURATOR at www.videotec.com.

ULISSE



ULISSE



ULISSE2

ULISSE PTZ UNITS

Video output	Analogue video output	IP video output
MECHANICAL		
Material	Aluminium and Tecopolymer	Aluminium and Tecopolymer
Horizontal rotation	360°, continuous rotation	360°, continuous rotation
Vertical rotation	From -40° up to +90°	From -40° up to +90°
Horizontal speed (variable)	From 0.02°/s up to 100°/s (from 0.02°/s up to 40°/s with illuminators)	From 0.02°/s up to 100°/s (from 0.02°/s up to 40°/s with illuminators)
Tilt speed (variable)	From 0.02°/s up to 40°/s (from 0.02°/s up to 30°/s with illuminators)	From 0.02°/s up to 50°/s (from 0.02°/s up to 50°/s with illuminators)
Position accuracy	0.02°	0.02°
Glass cleaning device	Versions with built-in wiper	Integrated wiper (not for versions with germanium window)
Housing's window	Extra clear glass / Germanium for thermal cameras	Extra clear glass / Germanium for thermal cameras
ELECTRICAL		
Supply voltage/current consumption	230Vac, 0.4A, 50/60Hz 120Vac, 0.8A, 50/60Hz 24Vac, 4A (8A, with LED illuminators), 50/60Hz	230Vac, 1.1A, 50/60Hz 120Vac, 2A, 50/60Hz 24Vac, 10A, 50/60Hz
Power consumption	Version with LED illuminators: 190W max Version without LED illuminators: 100W max	Version with LED illuminators: 157W max Version without LED illuminators: 117W max
SOFTWARE		
Communication protocol	-	ONVIF, Profile S
Video compression	-	H.264/AVC, MJPEG
Serial communication protocol	AMERICAN DYNAMICS, ERNITEC, PANASONIC, PELCO D, VIDEOTEC MACRO	-
ENVIRONMENT		
Operating temperature	Version with heater: from -20°C (-4°F) up to +60°C (140°F) Version with reinforced heater: from -30°C (-22°F) up to +60°C (140°F)	Version with heater: from -40°C (-40°F) up to +65°C (149°F)
Relative humidity	From 10% up to 95% (no condensation)	From 10% up to 95% (no condensation)

ULISSE - CONFIGURATION OPTIONS

	Voltage	Day/Night Camera	Options	Video Output
UPT	1 230Vac	S Without camera	V	S Without accessories
	2 24Vac			W With wiper
	3 120Vac			K With brackets for UPTIRN (only 24Vac, illuminators not included)
				J With wiper and brackets for UPTIRN (only 24Vac, illuminators not included)
				G With germanium front window for thermal camera applications

Not all combinations are possible.
For a quick breakdown of all available codes, you can also use our PTZ CONFIGURATOR at www.videotec.com.

ULISSE2 - CONFIGURATION OPTIONS

	Voltage	Camera	Options	Video Output
UPTB	1 230Vac	S Without camera	W With wiper	A00A
	2 24Vac		G With Ø66mm germanium window for thermal cameras	
	3 120Vac		T With Ø61mm germanium window for thermal cameras	

For a quick breakdown of all available codes, you can also use our PTZ CONFIGURATOR at www.videotec.com.

ULISSE MAXI



ULISSE MAXI



ULISSE MAXI NETCAM

ULISSE PTZ UNITS

Video output	Analogue video output	IP video output
MECHANICAL		
Material	Aluminium and Tecopolymer	Aluminium and Tecopolymer
Horizontal rotation	360°, continuous rotation	360°, continuous rotation
Vertical rotation	From -20° up to +45°	From -20° up to +45°
Horizontal speed (variable)	From 0.02°/s up to 100°/s (from 0.02°/s up to 40°/s with illuminators)	From 0.02°/s up to 100°/s (from 0.02°/s up to 40°/s with illuminators)
Tilt speed (variable)	From 0.02°/s up to 20°/s	From 0.02°/s up to 20°/s
Position accuracy	0.02°	0.02°
Glass cleaning device	Integrated wiper (not for versions with germanium window)	Integrated wiper (not for versions with germanium window)
Housing's window	Extra clear glass / Germanium for thermal cameras	Extra clear glass / Germanium for thermal cameras
ELECTRICAL		
Supply voltage/current consumption	230Vac, 0.4A, 50/60Hz 120Vac, 0.8A, 50/60Hz 24Vac, 4A (8A, with LED illuminators), 50/60Hz	230Vac, 0.4A, 50/60Hz 120Vac, 0.8A, 50/60Hz 24Vac, 4A (8A, with LED illuminators), 50/60Hz
Power consumption	100W 150-190W max with LED illuminators in 24Vac 24W, P&T static, heating switched off	100W 150-190W max with LED illuminators in 24Vac 24W, P&T static, heating switched off
SOFTWARE		
Communication protocol	-	ONVIF, Profile S
Serial communication protocol	AMERICAN DYNAMICS, ERNITEC, PANASONIC, PELCO D, VIDEOTEC MACRO	-
Video compression	-	H.264/AVC, MJPEG
ENVIRONMENT		
Operating temperature	Version with heater: from -10°C (14°F) up to +60°C (140°F)	Version with heater: from -10°C (14°F) up to +60°C (140°F)
Relative humidity	From 10% up to 95% (no condensation)	From 10% up to 95% (no condensation)

ULISSE MAXI - CONFIGURATION OPTIONS

	Voltage	Options	Video Output
UPT	1 230Vac	SL	W 230Vac and 120Vac, with wiper
	2 24Vac		J 24Vac, with wiper and prearrangement for mounting of two UPTIRN (illuminators not included)
	3 120Vac		G With germanium front window for thermal camera applications

For a quick breakdown of all available codes, you can also use our PTZ CONFIGURATOR at www.videotec.com.

ULISSE MAXI NETCAM - CONFIGURATION OPTIONS

	Voltage	Options	Video Output
UPT	1 230Vac	SL	W 230Vac and 120Vac, with wiper
	2 24Vac		J 24Vac, with wiper and prearrangement for mounting of two UPTIRN (illuminators not included)
	3 120Vac		G With germanium front window for thermal camera applications

The versions for network camera are suitable for the network cameras compatible with the ONVIF protocol or with integrated telemetry output.
For a quick breakdown of all available codes, you can also use our PTZ CONFIGURATOR at www.videotec.com.

HOV / HTV PUNTO VERSO HEG / HTG HEB / HGV

GENERAL PURPOSE
CAMERA HOUSINGS

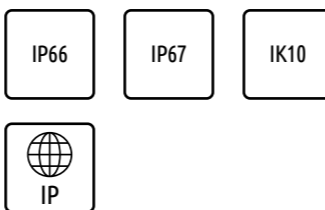


The **Videotec housings**, made from aluminium or plastic materials, meet any requirement for perfect working in extreme outdoor environments.

The supports and adapters are with or without cable protection and provide a solution for any need. A variety of accessories are available: heating, camera power supply, tamper switch, fans and filters, wiper and washer systems.

The POLAR model protects the camera inside against temperatures down to -55 °C.

The IPM housings optimally operate with HiPoE technology. They use the power supplied by the Ethernet cable as the sole power source for all connected devices. The system offers maximum efficiency of the network system as well as user-friendly installation and low costs.



HOV



GENERAL PURPOSE
CAMERA HOUSINGS

HOV

HOV HI-POE IPM

HTV

MECHANICAL

Material	Constructed from aluminium / Sunshield in ABS	Constructed from aluminium / Sunshield in ABS	Constructed from aluminium / Sunshield in ABS
Housing's window	Extra clear glass	Extra clear glass	Germanium
Internal usable area	100x70x250mm (3.9x2.7x9.8in)	100x70x250mm (3.9x2.7x9.8in)	100x70x250mm (3.9x2.7x9.8in)
Cable glands	3 x M16	1 x M12, 1 x M16, 1 x M20	3 x M16
Glass cleaning device	Integrated wiper (optional)	-	-

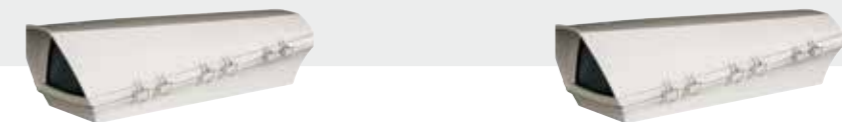
ELECTRICAL

Supply voltage/Current consumption	Version without accessories: from 12Vdc up to 24Vdc, 1A max from 12Vac up to 24Vac, 1A max, 50/60Hz from 120Vac up to 230Vac, 400mA max, 50/60Hz	PoE/Hi-PoE power supply (IEEE 802.3af, IEEE 802.3at)	Version without accessories: from 12Vdc up to 24Vdc, 1A max from 12Vac up to 24Vac, 1A max, 50/60Hz from 120Vac up to 230Vac, 400mA max, 50/60Hz
Power consumption	-	PoE input Class 3: 13W Hi-PoE input Class 4: 25W	-

ENVIRONMENT

Operating temperature	Version with heater: from -20°C (-4°F) up to +65°C (149°F)	Version with heater: from -30°C (-22°F) up to +60°C (140°F)	Version with heater: from -20°C (-4°F) up to +60°C (140°F)
Relative humidity	From 5% up to 95%	From 5% up to 95%	From 5% up to 95%
IP protection degree	IP66, IP67 (with cable glands or optional sealing rings)	IP66, IP67 (with cable glands or optional sealing rings)	IP66, IP67 (with cable glands or optional sealing rings)

PUNTO



GENERAL PURPOSE
CAMERA HOUSINGS

PUNTO

PUNTO HI-POE

MECHANICAL

Material	Made of technopolymer	Made of technopolymer
Housing's window	Glass	Glass
Internal usable area	70x70x250mm (2.7x2.7x9.8in)	70x70x250mm (2.7x2.7x9.8in)
Cable glands	2 x M16	1 x M20

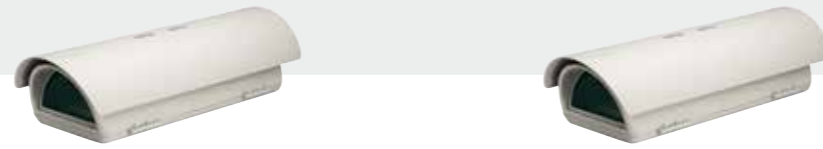
ELECTRICAL

Supply voltage/Current consumption	Version without accessories: from 12Vdc up to 24Vdc, 1A max from 12Vac up to 24Vac, 1A max, 50/60Hz from 120Vac up to 230Vac, 400mA max, 50/60Hz	PoE/Hi-PoE power supply (IEEE 802.3af, IEEE 802.3at)
Power consumption	-	PoE input Class 3: 13W Hi-PoE input Class 4: 25W

ENVIRONMENT

Operating temperature	Version with heater: from -20°C (-4°F) up to +60°C (140°F)	Version with heater: from -20°C (-4°F) up to +60°C (140°F)
Relative humidity	From 5% up to 95%	From 5% up to 95%
IP protection degree	IP66	IP66

VERSO

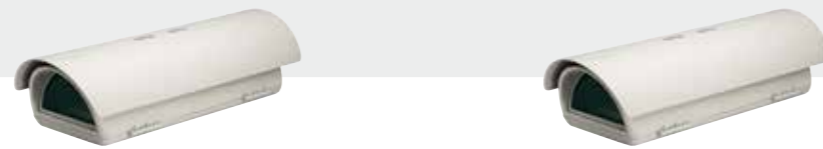


GENERAL PURPOSE
CAMERA HOUSINGS

VERSO COMPACT

VERSO

MECHANICAL		
Material	Made of technopolymer	Made of technopolymer
IK protection degree	IK10	IK10
Housing's window	Polycarbonate	Polycarbonate
Internal usable area	63x63x210mm (2.5x2.5x8.3in)	70x70x270mm (2.7x2.7x10.6in)
Cable glands	2 x M16	3 x M16
ELECTRICAL		
Supply voltage/Current consumption	Version without accessories: from 12Vdc up to 24Vdc, 1A max from 12Vac up to 24Vac, 1A max, 50/60Hz from 120Vac up to 230Vac, 400mA max, 50/60Hz	Version without accessories: from 12Vdc up to 24Vdc, 1A max from 12Vac up to 24Vac, 1A max, 50/60Hz from 120Vac up to 230Vac, 400mA max, 50/60Hz
Power consumption	Heater (120Vac/230Vac): 40W Heater (12Vdc/24Vac): 20W	Heater (120Vac/230Vac): 40W Heater (12Vdc/24Vac): 20W
ENVIRONMENT		
Operating temperature	Version with heater: from -20°C (-4°F) up to +60°C (140°F)	Version with heater: from -20°C (-4°F) up to +60°C (140°F)
Relative humidity	From 5% up to 95%	From 5% up to 95%
IP protection degree	IP66, IP67 (with cable glands or optional sealing rings)	IP66, IP67 (with cable glands or optional sealing rings)

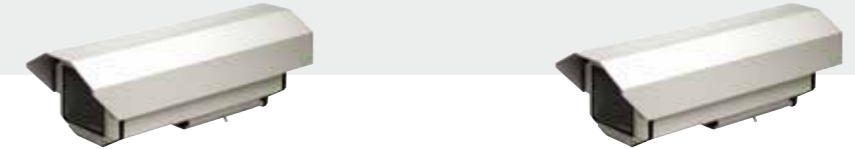


VERSO HI-POE IPM

VERSO POLAR

MECHANICAL		
Material	Made of technopolymer	Made of technopolymer
IK protection degree	IK10	IK10
Housing's window	Polycarbonate	Polycarbonate
Internal usable area	70x70x230mm (2.7x2.7x9.0in)	70x70x270mm (2.7x2.7x10.6in)
Cable glands	1 x M12, 1 x M16, 1 M20	3 x M16 (nickel-plated brass for external connections)
ELECTRICAL		
Supply voltage/Current consumption	PoE/Hi-PoE power supply (IEEE 802.3af, IEEE 802.3at)	Version with heater: from 12Vdc up to 24Vdc, 5A max from 12Vac up to 24Vac, 5A max, 50/60Hz from 120Vac up to 230Vac, 700mA max, 50/60Hz
Power consumption	PoE input Class 3: 13W Hi-PoE input Class 4: 25W	Heater (120Vac/230Vac): 120W Heater (12Vdc/24Vac): 60W
ENVIRONMENT		
Operating temperature	Version with heater: from -30°C (-22°F) up to +60°C (140°F)	Version with heater: from -55°C (-67°F) up to +60°C (140°F)
Relative humidity	From 5% up to 95%	From 5% up to 95%
IP protection degree	IP66, IP67 (with cable glands or optional sealing rings)	IP66, IP67 (with cable glands or optional sealing rings)

HEG HTG



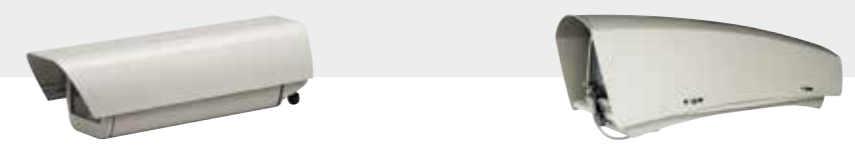
GENERAL PURPOSE
CAMERA HOUSINGS

HEG

HTG

MECHANICAL		
Material	Constructed from aluminium	Constructed from aluminium
Housing's window	Extra clear glass	Germanium
Internal usable area	134x88x273mm (5.1x3.5x10.7in)	134x88x273mm (5.1x3.5x10.7in)
Cable glands	3 x M16	3 x M16
Glass cleaning device	Wiper (accessory)	-
ELECTRICAL		
Supply voltage/Current consumption	Version with heater: 12Vdc, 1.6A max 24Vac, 0.85A max, 50/60Hz 120Vac, 0.35A max, 50/60Hz 230Vac, 0.18A max, 50/60Hz	Version with heater: 12Vdc, 1.6A max 24Vac, 0.85A max, 50/60Hz 120Vac, 0.35A max, 50/60Hz 230Vac, 0.18A max, 50/60Hz
Power consumption	Heater: 20W max (12Vdc/24Vac) 40W (120Vac/230Vac) Triple heater, continuous duty fan (120Vac/230Vac): 124W	Heater: 20W max (12Vdc/24Vac) 40W (120Vac/230Vac)
ENVIRONMENT		
Operating temperature	Version with triple heater, continuous duty fan: from -50°C (-58°F) up to +60°C (140°F)	Version with heater: from -20°C (-4°F) up to +60°C (140°F)
Relative humidity	From 5% up to 95%	From 5% up to 95%
IP protection degree	IP66, IP67 (with cable glands)	IP66, IP67 (with cable glands)

HEB HGV



GENERAL PURPOSE
CAMERA HOUSINGS




HEB

HGV

MECHANICAL		
Material	Aluminium	Aluminium (base) ABS (upper body, sunshield)
Housing's window	Extra clear glass	Extra clear glass
Internal usable area	90x85x320mm (3.2x2.4x12.6in) (without accessories)	200x169x519mm (7.9x6.7x20.4in)
Cable glands	3 x M16	4 x M16
Glass cleaning device	-	Integrated wiper
ELECTRICAL		
Supply voltage/Current consumption	Version with heater: 12Vdc, 1.6A max 24Vac, 0.85A max, 50/60Hz 120Vac, 0.35A max, 50/60Hz 230Vac, 0.18A max, 50/60Hz	Heater: IN 24Vac IN 120/230Vac Camera power supply: IN from 100Vac up to 240Vac - OUT 12Vdc, 50/60Hz, 1.25A
Power consumption	Heater: 20W (IN 12Vdc/24Vac) 40W (IN 120/230Vac)	Triple fan-assisted heating: 80W (IN 24Vac) 150W (IN 120/230Vac)
ENVIRONMENT		
Operating temperature	Version with heater: from -20°C (-4°F) up to +60°C (140°F)	Version with heater: from -20°C (-4°F) up to +60°C (140°F)
Relative humidity	From 10% up to 95% (no condensation)	From 10% up to 95% (no condensation)
IP protection degree	IP66, IP67 (with cable glands or optional sealing rings)	IP66

ACCESSORIES FOR ULISSE PTZ CAMERAS AND UNITS

	ULISSE EVO	ULISSE EVO DUAL	ULISSE EVO THERMAL	ULISSE RADICAL	ULISSE RADICAL THERMAL	ULISSE	ULISSE2	ULISSE MAXI	ULISSE MAXI NETCAM
 <p>COMB COMMUNICATION BOX IN POLYCARBONATE</p> <ul style="list-style-type: none"> Designed to work exclusively with Videotec products and accessories 1 SFP port, MSA compliant, Fast Ethernet (100BASE-FX), for fiber optic connection (splice tray included in the product) 3 RJ45 ports, Fast Ethernet (10BASE-T/100BASE-T) 	√	√	√	-	-	√	√	-	-
 <p>FM1010 EMC FILTER FOR MARINE CERTIFICATION</p> <ul style="list-style-type: none"> The filter must be connected to the power line of the equipment The filter is not explosion-proof certified Implement adequate protection if used in potentially explosive classified environments (e.g. Atex) Electrical data: from 0 up to 250V DC/AC 50/60 Hz, 6A 	√	√	√	√	√	√	√	√	√
 <p>OHEP90INJ POE (90w) POWER INJECTOR WITH ONE CHANNEL</p> <ul style="list-style-type: none"> For installations indoors (OHEP90INJ) For installations outdoors (OHEP90INJO) 	√	√	√	-	-	-	-	-	-
 <p>SURGEPR LIGHTNING SURGE PROTECTION DEVICE</p> <ul style="list-style-type: none"> For railway applications (in compliance with EN50121-4) 	√	√	√	-	-	-	-	-	-
 <p>UEI ILLUMINATOR FOR ULISSE EVO</p> <ul style="list-style-type: none"> Colours: RAL9002, RAL9005 Wavelengths: 850nm, 940nm, white light 	√	-	-	-	-	-	-	-	-
 <p>WAS-WASPT WASHER PUMP AND 5 OR 23 LITER TANK</p> <ul style="list-style-type: none"> Polyethylene tank with stainless steel cage Delivery head: 5m (16ft), 11m (36ft) or 30m (98ft) Versions with alarm for the lack of liquid in the tank Operating temperature: from -10°C (14°F) up to +60°C (140°F) Available voltages: 230Vac, 120Vac, 24Vac 	√	-	√	√	-	√	√	√	√
 <p>WASNX WASHER PUMP WITH SOLENOID VALVE FOR STAINLESS STEEL PRODUCTS</p> <ul style="list-style-type: none"> Enclosure made of stainless steel AISI 316L Delivery head: up to 20m (66ft) Water tank capacity: 10l (2.6gal) Operating temperature from -20°C (-4°F) up to +60°C (140°F) Available voltages: 230Vac, 120Vac, 24Vac 	√	-	-	√	-	√	√	√	√
 <p>UPTBKITVB770 ADAPTER MODULE FOR ULISSE2 AND SONY SNC-VB770 CAMERA WITH SONY SELP28135G LENS</p> <ul style="list-style-type: none"> Anticorodal aluminum alloy 	-	-	-	-	-	-	√	-	-
 <p>UPTBVTR ULISSE2 HOUSING UPPER PART WITH ANTI-ICE GLASS AND WIPER</p> <ul style="list-style-type: none"> Constructed from aluminium EAC certification 	-	-	-	-	-	-	√	-	-

	ULISSE EVO	ULISSE EVO DUAL	ULISSE EVO THERMAL	ULISSE RADICAL	ULISSE RADICAL THERMAL	ULISSE	ULISSE2	ULISSE MAXI	ULISSE MAXI NETCAM
 <p>UPTHT REINFORCED HEATER FOR LOW TEMPERATURE APPLICATIONS</p> <ul style="list-style-type: none"> UPTHT1 for ULISSE versions with motorised lens down to -30°C (-22°F). Lenses with operating temperatures down to -20°C (-4°F) UPTHT2 for ULISSE versions with block camera. Operating temperature down to -30°C (-22°F) 	-	-	-	-	-	√	-	-	-
 <p>UPTIRN LED ILLUMINATOR</p> <ul style="list-style-type: none"> Vandal-proof protection (IK10) Power supply 24Vac/12-24Vdc Beam patterns: 10°, 30°, 60° Wavelengths: 850nm, 940nm, white light Adjustable light intensity Adjustable built-in photocell IP66/IP67 	-	-	-	√	-	√	√	√	√
 <p>UPTIRNBKT SUPPORT FOR MOUNTING OF UPTIRN RANGE OF LED ILLUMINATORS</p>	-	-	-	-	-	-	√	-	-
 <p>UPTIRPS100N EXTERNAL POWER SUPPLY FOR ULISSE WITH UPTIRN LED ILLUMINATORS</p> <ul style="list-style-type: none"> Power supply: 100Vac, 50/60Hz Control to synchronise illuminators with camera Day/Night switching Twilight sensor included IP66 	-	-	-	√	-	√	√	√	√
 <p>UPTIRPS120UL EXTERNAL POWER SUPPLY FOR ULISSE WITH UPTIRN LED ILLUMINATORS</p> <ul style="list-style-type: none"> Power supply: 120Vac, 50/60Hz Control to synchronise illuminators with camera Day/Night switching Twilight sensor included IP66 	-	-	-	√	-	√	√	√	√
 <p>UPTIRPS230N EXTERNAL POWER SUPPLY FOR ULISSE WITH UPTIRN LED ILLUMINATORS</p> <ul style="list-style-type: none"> Power supply: 230Vac, 50/60Hz Control to synchronise illuminators with camera Day/Night switching Twilight sensor included IP66 	-	-	-	√	-	√	√	√	√
 <p>UPTJBUL WEATHERPROOF JUNCTION BOX</p> <ul style="list-style-type: none"> For the power supply connection External mounting from the ULISSE unit IP66 	-	-	-	√	√	√	√	√	√

BRACKETS FOR ULISSE PTZ CAMERAS AND UNITS







	ULISSE EVO	ULISSE EVO DUAL	ULISSE EVO THERMAL	ULISSE RADICAL	ULISSE RADICAL THERMAL	ULISSE	ULISSEZ	ULISSE MAXI	ULISSE MAXI NETCAM
 <p>UEBP0 PARAPET BRACKET WITH INTERNAL CABLE CHANNEL FOR ULISSE EVO • Standard colours: RAL9002 (UEBP0AA), RAL9005 (UEBP0FA)</p>	√	√	√	-	-	-	-	-	-
 <p>UEBP4 PARAPET BRACKET WITH QUICK CONNECTORS FOR ULISSE EVO • RJ45 (Ethernet and PoE)+4 poles with screw terminal (power supply and I/O) • Standard colours: RAL9002 (UEBP4AA), RAL9005 (UEBP4FA)</p>	√	√	√	-	-	-	-	-	-
 <p>UEBP7 PARAPET BRACKET WITH QUICK CONNECTORS FOR ULISSE EVO • RJ45 (Ethernet and PoE)+7 poles with screw terminal (power supply and I/O) • Standard colours: RAL9002 (UEBP4AA), RAL9005 (UEBP4FA)</p>	√	√	√	-	-	-	-	-	-
 <p>UEBW WALL ASSEMBLY SUPPORT FOR ULISSE EVO • Standard colours: RAL9002 (UEBWAA), RAL9005 (UEBWFA)</p>	√	√	√	-	-	-	-	-	-
 <p>UEAP POLE MOUNT ADAPTOR • Made of AISI 316L electropolished stainless steel • For pole diameters: from 60mm (2.36in) up to 200mm (7.9in) • Dimensions: 121x85mm (4.7x3.3in)</p>	√	√	√	-	-	-	-	-	-
 <p>UEAC CORNER MOUNT ADAPTOR • AISI 316L electropolished stainless steel • Dimensions: 120x220mm (4.7x8.7in)</p>	√	√	√	-	-	-	-	-	-
 <p>UEAW COUNTER-PLATE • AISI 316L electropolished stainless steel • Dimensions: 200x200mm (7.9x7.9in)</p>	√	√	√	-	-	-	-	-	-
 <p>UPTWBA WALL MOUNT BRACKET • Made of die-cast aluminum • Epoxy polyester powder painting, RAL9002 colour • Wall bracket with internal cable channel • To combine with PTCC1 pole mount or WCWGC corner mount adaptors for the installation on several surfaces</p>	-	-	-	√	√	√	√	√	√
 <p>UPTWBTAB PARAPET BRACKET • Made of die-cast aluminum • Epoxy polyester powder painting, RAL9002 colour • Internal cable management</p>	-	-	-	√	√	√	√	√	√
 <p>PTCC1 POLE MOUNT ADAPTOR • Made of aluminium • For pole diameters: from 80mm (3.1in) up to 150mm (5.9in) • Load rating: 50kg (110lb)</p>	-	-	-	√	√	√	√	√	√
 <p>WCWGC CORNER MOUNT ADAPTOR • Made of steel • Load rating: 50kg (110lb)</p>	-	-	-	√	√	√	√	√	√

ACCESSORIES FOR GENERAL PURPOSE CAMERA HOUSINGS

	HOV	HOV HI-POE IPM	HTV	PUNTO	PUNTO HI-POE IPM	VERSO COMPACT	VERSO	VERSO HI-POE IPM	VERSO POLAR	HEG	HTC	HCB	HGV
 <p>WAS-WASPT WASHER PUMP AND 5 OR 23 LITER TANK • Polyethylene tank with stainless steel cage • Delivery head: 5m (16ft), 11m (36ft) or 30m (98ft) • Versions with alarm for the lack of liquid in the tank • Also for third-party products • Operating temperature: up to 60°C (140°F) max • Available voltages: 230Vac, 24Vac, 120Vac</p>	√	-	-	-	-	-	-	-	-	√	-	-	√
 <p>OWBIP SEALING RINGS • For cable management bracket • For WBOVA2 and WCM4A2 brackets • IP66</p>	√	√	√	√	√	√	√	√	√	√	√	√	-
 <p>ALARM TAMPER SWITCH ON BOARD FOR HOUSING • With tamper proof screws and key</p>	√	-	√	-	-	-	√	-	-	-	-	-	-
 <p>POWER SUPPLY CAMERA POWER SUPPLY • Can be installed inside the housing • Available in different versions, 120/230Vac input and 24Vac/12Vdc output.</p>	√	-	√	√	-	√	√	-	√	√	√	√	-
 <p>HEATER • Thermostatically controlled heating element PTC 20W or 40W (Ton <= 15°C(59°F); Toff >= 22°C(72°F)) • Available versions: 12Vdc/24Vac or 120Vac/230Vac</p>	√	-	√	-	-	√	√	-	-	√	√	√	-
 <p>BLOWER BLOWER WITH AIR FILTER • Thermostatically controlled cooling blower Ton >= 35°C (95°F); Toff <= 20°C (68°F) and filter • Available versions: 230Vac, 24Vac, 12Vdc</p>	√	-	-	-	-	√	√	-	-	√	-	-	-
 <p>OHEGWB WEATHERPROOF JUNCTION BOX • IP55 • For housing of wiring harnesses or auxiliary boards</p>	√	√	√	√	√	√	√	√	√	√	√	√	√
 <p>VIP6A WIPER • Can be directly installed on the housing body • Support for nozzle included • Available versions: 24Vac, 230Vac</p>	-	-	-	-	-	-	-	-	-	√	-	-	-
 <p>RETROFIT IPM KIT RETROFIT WITH IPM TECHNOLOGY • IPM technology (Intelligent Power Management) • PoE/Hi-PoE power supply for heating, demisting, illuminator, fan and PoE network camera • Compatible with IEEE 802.3af, IEEE 802.3at/PoE Plus</p>	√	√	-	-	-	-	√	√	-	-	-	-	-

BRACKETS FOR GENERAL PURPOSE CAMERA HOUSINGS

	HOV	HOV HI-POE IPM	HTV	PUNTO	PUNTO HI-POE IPM	VERSO COMPACT	VERSO	VERSO HI-POE IPM	VERSO POLAR	HEG	HTC	HEB	HGV
 <p>WBJA WALL MOUNT BRACKET • Made of aluminium • Fully adjustable swivel head • Load rating: 25kg (55lb) • Height: 185mm (7.3in)</p>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
 <p>WBMA WALL MOUNT BRACKET • Made of aluminium • Fully adjustable swivel head • Load rating: 25kg (55lb) • Height: 204mm (8in)</p>	-	-	-	-	-	✓	-	-	-	-	-	✓	-
 <p>WBOVA2 WALL MOUNT BRACKET • Made of aluminium • Fully adjustable swivel head • Internal cable management • Load rating: 25kg (55lb) • Height: 204mm (8in) • The sealing rings OWBIP2 or OWBIP3 ensure an IP66 protection to the housing • Unit weight: 0.6kg (1.3lb)</p>	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓	-
 <p>WBOV3A2 WALL BRACKET WITH SUPPORT PLATE AND WEATHERPROOF JUNCTION BOX • Made of aluminium • Internal cable management directly to the box • Load rating: 25kg (55lb) • Height: 204mm (8in) • The sealing rings OWBIP2 or OWBIP3 ensure an IP66 protection to the housing</p>	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓	-
 <p>WBLA WALL MOUNT BRACKET • Solid, anticorrosion aluminium construction • Load rating: 70kg (154lb) • Length: 457.5mm (18,7in)</p>	-	-	-	-	-	-	-	-	-	-	-	-	✓
 <p>WCM3A CEILING MOUNT • Made of steel • Fully adjustable swivel head • Load rating: 15kg (33.5lb) • Length: 300mm (11.8in)</p>	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓	-
 <p>WCM4A2 CEILING MOUNT • Made of aluminium tube • Internal cable management • Load rating: 15kg (33.5lb) • Length: 412mm (16.2in)</p>	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓	-
 <p>NXWTU WALL ADAPTOR MODULE • Made of AISI 316L electropolished stainless steel • Load rating: 20kg (44lb) • Dimensions: 168x234mm (6.6x9.2in) • Suitable for: NXWBS1, WBOVA2, WBJA, WBMA</p>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
 <p>WCPA LINEAR EXTENSION FOR WCM4A2 AND WCM5A • It allows a 500mm (19in) extension</p>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-

	HOV	HOV HI-POE IPM	HTV	PUNTO	PUNTO HI-POE IPM	VERSO COMPACT	VERSO	VERSO HI-POE IPM	VERSO POLAR	HEG	HTC	HEB	HGV
 <p>WCM5A CEILING MOUNT • Made of aluminium • Load rating: 15kg (33.5lb) • Length: 412mm (16.2in) • 500mm (19in) linear extension available with WCPA • Unit weight: 1.4kg (3lb)</p>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
 <p>FWWCA PARAPET BRACKET • Made of aluminium • Fully adjustable swivel head • Load rating: 15kg (33.5lb) / Length: 185mm (7.3in)</p>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
 <p>DBHWGC POLE MOUNT ADAPTOR • Made of steel • For pole diameters: 210÷225mm (8.3÷8.8in) • To be combined with the reinforcing support plate WCPA • Load rating: 25kg (55lb) (static load)</p>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
 <p>WCWA CORNER MOUNT ADAPTOR • Made of steel • Load rating: 30kg (66lb)</p>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
 <p>WSFPA POLE MOUNT ADAPTOR • Made of aluminium • Load rating: 30kg (66lb) • For pole diameters: 65÷110mm (2.6÷4.3in)</p>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
 <p>WCPA REINFORCING SUPPORT PLATE FOR POOR CONSISTENCY WALLS • Made of aluminium • Available with a supporting box with internal cable channel • Load rating: 50kg (110lb)</p>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-



EXPLOSION-PROOF PRODUCTS



MAXIMUS MPX SERIES2

EXPLOSION-PROOF PTZ
CAMERAS



The IP PTZs from the new **MAXIMUS SERIES2** line offer the highest performance level and unbeatable competitiveness for security systems in hazardous Oil&Gas, marine and industrial environments.

The MAXIMUS SERIES2 range enables PTZ connection via fiber optic thanks to the SFP module.

Models are available with integrated video analysis, with thermal cameras, with dual vision and with built-in IR LED illuminator.

Entirely manufactured in AISI316L stainless steel, the SERIES2 cameras are ideal for use in highly corrosive environments. The high IP degree, IP66/IP67/IP68/IP69, NEMA Type 4X and Type 6P, guarantees complete protection against water and dust entry.

All the versions of the PTZ MAXIMUS SERIES2 are explosion-proof certified with an ambient temperature up to +80°C with international certification for use in Zone 1 and 2, Group IIC for gas, Zone 21 and 22, Group IIIC for dust.

The Lloyd's Register Marine Type Approval System, Test Specification Number 1 certification allows the use in Marine applications.

MAXIMUS MPX SERIES2

EXPLOSION-PROOF
PTZ CAMERAS



MAXIMUS MPX SERIES2

CAMERA		SONY FCB-EV7520	DELUX TECHNOLOGY
Type of camera		Day/Night camera	Day/Night camera
Image electronic stabilizer		√	-
Resolution		Full HD (1920x1080)	Full HD (1920x1080)
Minimum illumination		Colour: 0.0013lx (50 IRE, High sensitivity on) B/W: 0.0008lx (30 IRE, High sensitivity on)	Colour: 0.006lx (F1.6, 30 IRE) B/W: 0.0006lx (F1.6, 30 IRE)
Zoom		30x (360x with digital zoom)	30x (480x with digital zoom)
Lens		f= from 4.3mm (wide) up to 129mm (tele), from F1.6 up to F14	f= from 4.5mm (wide) up to 135mm (tele), from F1.6 up to F9.6
Privacy zones masking		√ (dynamic masking)	√
MECHANICAL			
Material		AISI 316L stainless steel construction	AISI 316L stainless steel construction
Cable entry		2 holes 3/4" NPT	2 holes 3/4" NPT
Horizontal rotation		360°, continuous rotation	360°, continuous rotation
Vertical rotation		From -90° up to +90°	From -90° up to +90°
Horizontal speed (variable)		From 0.1°/s up to 100°/s	From 0.1°/s up to 100°/s
Tilt speed (variable)		From 0.1°/s up to 100°/s	From 0.1°/s up to 100°/s
Position accuracy		0.02°	0.02°
ELECTRICAL			
Supply voltage/current consumption		230Vac, 0.5A, 50/60Hz 24Vac, 5A, 50/60Hz 120Vac, 1A, 50/60Hz 220Vac, 0.54A, 50/60Hz 100Vac, 1.2A, 50/60Hz	230Vac, 0.5A, 50/60Hz 24Vac, 5A, 50/60Hz 120Vac, 1A, 50/60Hz 220Vac, 0.54A, 50/60Hz 100Vac, 1.2A, 50/60Hz
Power consumption		120W max	120W max
Optical fiber		Slot SFP	Slot SFP
SOFTWARE			
Communication protocol		ONVIF, Profile Q, Profile S and Profile T	ONVIF, Profile Q, Profile S and Profile T
Video compression		H.264/AVC, MJPEG, MPEG4, snapshot JPEG	H.264/AVC, MJPEG, MPEG4, snapshot JPEG
Video analytics		optional	optional
Cybersecurity		√	√
ENVIRONMENT			
Certification temperature		From -40°C (-40°F) up to +80°C (+176°F)	From -40°C (-40°F) up to +80°C (+176°F)
Relative humidity		From 5% up to 95%	From 5% up to 95%
Marine Certification		Lloyd's Register Marine Type Approval (with MAXIMUS MBX communication box or with FM1010 filter)	Lloyd's Register Marine Type Approval (with MAXIMUS MBX communication box or with FM1010 filter)

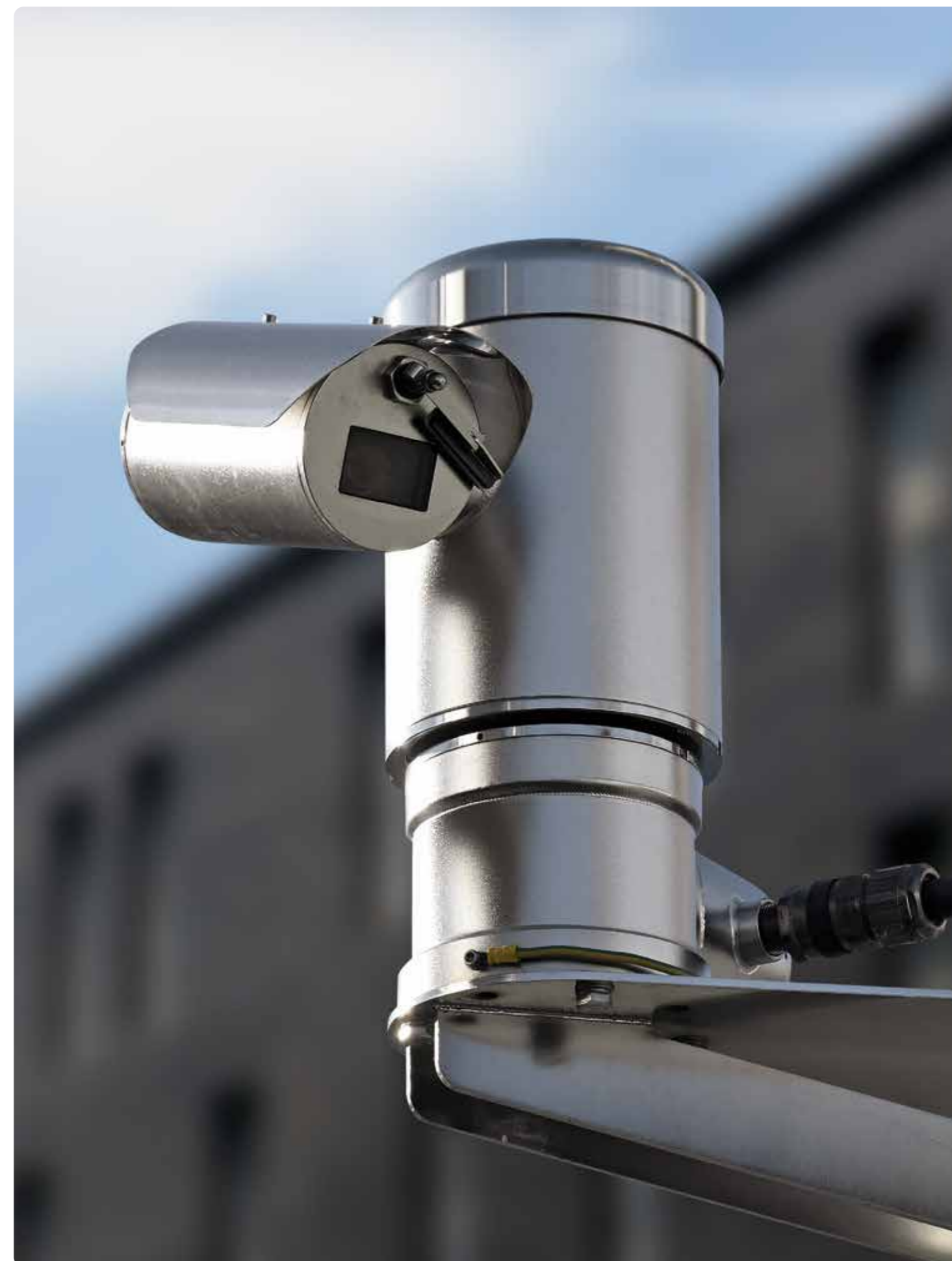
MAXIMUS MPX SERIES2 - CONFIGURATION OPTIONS									
	Voltage	Camera	Temperature class and ambient temperature	Video analytics	ONVIF Profiles				
MPXHD	1 230Vac	1 Super low-light Day/Night camera, FULL HD 1080p, 30x, with DELUX technology	A T6...T5 -40°C/+60°C or +70°C	0 Without integrated video analytics (without VIDEOTECH ANALYTICS)	00 Complies with ONVIF, Profile Q, Profile S and Profile T				C
	2 24Vac	2 SONY FCB-EV7520 camera, FULL HD 1080p, 30x	D T4 -40°C/+80°C	V With integrated video analytics (VIDEOTECH ANALYTICS)	01 Complies with ONVIF, Profile S and Profile T				
	3 120Vac		C ATEX - IECEx - INMETRO EAC Ex - KCS - UK Ex T5...T4 -40°C/+50°C or +60°C cULus T5...T4 -40°C/+50°C or +55°C						
	5 220Vac								
	6 100Vac								

For a quick breakdown of all available codes, you can also use our PTZ CONFIGURATOR at www.videotec.com

MAXIMUS MPX SERIES2

MAXIMUS MPX SERIES2 - CERTIFICATIONS AND MARKINGS				
Part Number	Certification	Marking	Ambient Temperature	Cable Entry Temperature
MPXHD1*A0**C, MPXHD2*A0**C, MPXHD3*A0**C, MPXHD5*A0**C	ATEX	Ⓜ II 2 G Ex db IIC T6...T5 Gb Ⓜ II 2D Ex tb IIIC T85°C...T100°C Db	-40°C ≤ Ta ≤ +60°C or +70°C	+80°C
	IECEX	Ex db IIC T6...T5 Gb Ex tb IIIC T85°C...T100°C Db		
	EAC Ex	1Ex d IIC T6...T5 Gb X Ex tb IIIC T85°C...T100°C Db X		
	INMETRO	Ex db IIC T6...T5 Gb Ex tb IIIC T85°C...T100°C Db		
	KCs	Ex db IIC T6...T5 Gb Ex tb IIIC T85°C...T100°C Db		
	UK EX	Ⓜ II 2 G Ex db IIC T6...T5 Gb Ⓜ II 2D Ex tb IIIC T85°C...T100°C D		
	UL Hazardous Location America	Class I, Zone 1, AEx db IIC T6...T5 Gb Zone 21, AEx tb IIIC T85°C...T100°C Db Class I, Div 2, Group A, B, C, D T6...T5 Class II, Div 2, Group F, G T6...T5		
UL Hazardous Location Canada	Ex db IIC T6...T5 Gb X Ex tb IIIC T85°C...T100°C Db X Class I, Div 2, Group A, B, C, D T6...T5 Class II, Div 2, Group F, G T6...T5			
MPXHD6*A0**C	ATEX	Ⓜ II 2 G Ex db IIC T6...T5 Gb Ⓜ II 2D Ex tb IIIC T85°C...T100°C Db		+80°C
	IECEX	Ex db IIC T6...T5 Gb Ex tb IIIC T85°C...T100°C Db		
	KCs	Ex db IIC T6...T5 Gb Ex tb IIIC T85°C...T100°C Db		
	INMETRO	Ex db IIC T6...T5 Gb Ex tb IIIC T85°C...T100°C Db		
	UK EX	Ⓜ II 2 G Ex db IIC T6...T5 Gb Ⓜ II 2D Ex tb IIIC T85°C...T100°C Db		
MPXHD1*D0**C, MPXHD2*D0**C, MPXHD3*D0**C, MPXHD5*D0**C, MPXHD6*D0**C	ATEX	Ⓜ II 2G Ex db IIC T4 Gb Ⓜ II 2D Ex tb IIIC T135°C Db	-40°C ≤ Ta ≤ +80°C	+90°C
	IECEX	Ex db IIC T4 Gb Ex tb IIIC T135°C Db		
	EAC Ex	1Ex d IIC T4 Gb X Ex tb IIIC T135°C Db X		
	INMETRO	Ex db IIC T4 Gb Ex tb IIIC T135°C Db		
	KCs	Ex db IIC T4 Gb Ex tb IIIC T135°C Db		
	UK EX	Ⓜ II 2G Ex db IIC T4 Gb Ⓜ II 2D Ex tb IIIC T135°C Db		
MPXHD1*CV**C, MPXHD2*CV**C, MPXHD3*CV**C, MPXHD5*CV**C	ATEX	Ⓜ II 2 G Ex db IIC T5...T4 Gb Ⓜ II 2D Ex tb IIIC T100°C...T135°C Db	-40°C ≤ Ta ≤ +50°C or +60°C	+80°C
	IECEX	Ex db IIC T5...T4 Gb Ex tb IIIC T100°C...T135°C Db		
	EAC Ex	1Ex d IIC T5...T4 Gb X Ex tb IIIC T100°C...T135°C Db X		
	INMETRO	Ex db IIC T5...T4 Gb Ex tb IIIC T100°C...T135°C Db		
	KCs	Ex db IIC T5...T4 Gb Ex tb IIIC T100°C...T135°C Db		
	UK EX	Ⓜ II 2 G Ex db IIC T5...T4 Gb Ⓜ II 2D Ex tb IIIC T100°C...T135°C Db		
	UL Hazardous Location America	Class I, Zone 1, AEx db IIC T5...T4 Gb Zone 21, AEx tb IIIC T100°C...T135°C Db Class I, Div 2, Group A, B, C, D T5...T4 Class II, Div 2, Group F, G T5...T4		
UL Hazardous Location Canada	Ex db IIC T5...T4 Gb X Ex tb IIIC T100°C...T135°C Db X Class I, Div 2, Group A, B, C, D T5...T4 Class II, Div 2, Group F, G T5...T4			
MPXHD6*CV**C	ATEX	Ⓜ II 2 G Ex db IIC T5...T4 Gb Ⓜ II 2D Ex tb IIIC T100°C...T135°C Db	-40°C ≤ Ta ≤ +50°C or +60°C	
	IECEX	Ex db IIC T5...T4 Gb Ex tb IIIC T100°C...T135°C Db		
	EAC Ex	1Ex d IIC T5...T4 Gb X Ex tb IIIC T100°C...T135°C Db X		
	INMETRO	Ex db IIC T5...T4 Gb Ex tb IIIC T100°C...T135°C Db		
	KCs	Ex db IIC T5...T4 Gb Ex tb IIIC T100°C...T135°C Db		
	UK EX	Ⓜ II 2 G Ex db IIC T5...T4 Gb Ⓜ II 2D Ex tb IIIC T100°C...T135°C Db		

All updates on Certifications and Markings at www.videotec.com.



MAXIMUS MPXR & MPXT SERIES2

EXPLOSION-PROOF
PTZ CAMERAS



MAXIMUS MPXR SERIES2



MAXIMUS MPXT SERIES2

CAMERA		
Type of camera	Thermal camera	Thermal camera + Day/Night camera
Radiometric analysis	√	√
Image electronic stabilizer	-	√
Resolution	720x480 (interpolated resolution)	Thermal camera: 720x480 (interpolated resolution) Day/Night: Full HD (1920x1080)
Minimum illumination	-	Day/Night Colour: 0.0013lx (50 IRE, High sensitivity on) B/W: 0.0008lx (30 IRE, High sensitivity on)
Zoom	640x512: 2x, 4x (digital zoom) 336x256: 2x, 4x, 8x (digital zoom)	Thermal camera: 2x, 4x (336x256), digital zoom 2x, 4x, 8x (640x512), digital zoom Day/Night: 30x (360x with digital zoom)
Lens	35mm (1.38in), 25mm (0.98in), 19mm (0.7in), 13mm (0.5in), 9mm (0.35in)	Thermal camera: 9mm, 13mm, 19mm, 25mm, 35mm Day/Night: f= from 4.3mm (wide) up to 129mm (tele), from F1.6 up to F14
Privacy zones masking	-	√ (dynamic masking)
MECHANICAL		
Material	AISI 316L stainless steel construction	AISI 316L stainless steel construction
Cable entry	2 holes 3/4" NPT	2 holes 3/4" NPT
Horizontal rotation	360°, continuous rotation	360°, continuous rotation
Vertical rotation	From -90° up to +90°	From -90° up to +90°
Horizontal speed (variable)	From 0.1°/s up to 100°/s	From 0.1°/s up to 100°/s
Tilt speed (variable)	From 0.1°/s up to 100°/s	From 0.1°/s up to 100°/s
Position accuracy	0.02°	0.02°
ELECTRICAL		
Supply voltage/current consumption	230Vac, 0.5A, 50/60Hz 24Vac, 5A, 50/60Hz 120Vac, 1A, 50/60Hz 220Vac, 0.54A, 50/60Hz 100Vac, 1.2A, 50/60Hz	230Vac, 0.5A, 50/60Hz 24Vac, 5A, 50/60Hz 120Vac, 1A, 50/60Hz 220Vac, 0.54A, 50/60Hz 100Vac, 1.2A, 50/60Hz
Power consumption	120W max	120W max
Optical fiber	Slot SFP	Slot SFP
SOFTWARE		
Communication protocol	ONVIF, Profile Q, Profile S and Profile T ONVIF Thermal Service	Thermal camera: ONVIF, Profile Q, Profile S and Profile T ONVIF Thermal Service Day/Night: ONVIF, Profile Q, Profile S and Profile T
Video compression	H.264/AVC, MJPEG, MPEG4, snapshot JPEG	H.264/AVC, MJPEG, MPEG4, snapshot JPEG
Cybersecurity	√	√
ENVIRONMENT		
Certification temperature	From -40°C (-40°F) up to +80°C (+176°F)	From -40°C (-40°F) up to +80°C (+176°F)
Relative humidity	From 5% up to 95%	From 5% up to 95%
Marine Certification	Lloyd's Register Marine Type Approval (with MAXIMUS MBX communication box or with FM1010 filter)	Lloyd's Register Marine Type Approval (with MAXIMUS MBX communication box or with FM1010 filter)

MAXIMUS MPXL SERIES2

EXPLOSION-PROOF
PTZ CAMERAS



NEW

MAXIMUS MPXL SERIES2

CAMERA	
Type of camera	Day/Night camera
Radiometric analysis	-
Image electronic stabilizer	√
Resolution	Full HD (1920x1080)
Minimum illumination	Colour: 0.0013lx (50 IRE, High sensitivity on) B/W: 0.0008lx (30 IRE, High sensitivity on)
Zoom	30x (360x with digital zoom)
Lens	f= from 4.3mm (wide) up to 129mm (tele), from F1.6 up to F14
Privacy zones masking	√ (dynamic masking)
LED ILLUMINATOR	
Wavelength	850nm
Maximum viewing distance	200m
MECHANICAL	
Material	AISI 316L stainless steel construction
Cable entry	2 holes 3/4" NPT
Horizontal rotation	360°, continuous rotation
Vertical rotation	From -90° up to +90°
Horizontal speed (variable)	From 0.1°/s up to 100°/s
Tilt speed (variable)	From 0.1°/s up to 100°/s
Position accuracy	0.02°
ELECTRICAL	
Supply voltage/current consumption	to 220Vac up to 230Vac, 0.5A, 50/60Hz 24Vac, 5A, 50/60Hz 120Vac, 1A, 50/60Hz 100Vac, 1.2A, 50/60Hz
Power consumption	120W max
Optical fiber	Slot SFP
SOFTWARE	
Communication protocol	ONVIF, Profile Q, Profile S and Profile T
Video compression	H.264/AVC, MJPEG, MPEG4, snapshot JPEG
Video analytics	optional
Cybersecurity	√
ENVIRONMENT	
Certification temperature	From -40°C (-40°F) up to +70°C (158°F)
Relative humidity	From 5% up to 95%
Marine Certification	Lloyd's Register Marine Type Approval (with MAXIMUS MBX communication box or with FM1010 filter)



MAXIMUS MPXR SERIES2



MAXIMUS MPXR SERIES2 - CONFIGURATION OPTIONS

	Voltage	Thermal Camera	Temperature Class	Radiometry	Onvif Profiles		Frequency
MPXR	1 230Vac	A Thermal camera 35mm, 336x256	A T6...T5 -40°C/+60°C or +70°C	00 Thermal camera with radiometric functions	0 Complies with ONVIF, Profile Q, Profile S and Profile T	C	- 7.5Hz
	2 24Vac	B Thermal camera 25mm, 336x256	D T4 -40°C/+80°C	0R Thermal camera with advanced radiometric functions	1 Complies with ONVIF, Profile S and Profile T		H 30Hz
	3 120Vac	V Thermal camera 19mm, 336x256					
	5 220Vac	F Thermal camera 13mm, 336x256					
	6 100Vac	C Thermal camera 9mm, 336x256					
		D Thermal camera 35mm, 640x512					
		E Thermal camera 25mm, 640x512					
		U Thermal camera 19mm, 640x512					

Not all combinations are possible.
Available versions with T4 temperature class and ambient temperature +80°C (not for cULus Hazardous Location cert.).
For a quick breakdown of all available codes, you can also use our PTZ CONFIGURATOR at www.videotec.com.

MAXIMUS MPXR SERIES2 - CERTIFICATIONS AND MARKINGS

Part Number	Certification	Marking	Ambient Temperature	Cable Entry Temperature			
MPXR1*A0**C*, MPXR2*A0**C*, MPXR3*A0**C*, MPXR5*A0**C*	ATEX	Ⓜ II 2 G Ex db IIC T6...T5 Gb Ⓜ II 2D Ex tb IIIC T85°C...T100°C Db	-40°C ≤ Ta ≤ +60°C or +70°C	+80°C			
	IECEX	Ex db IIC T6...T5 Gb Ex tb IIIC T85°C...T100°C Db					
	EAC Ex	1Ex d IIC T6...T5 Gb X Ex tb IIIC T85°C...T100°C Db X					
	INMETRO	Ex db IIC T6...T5 Gb Ex tb IIIC T85°C...T100°C Db					
	KCs	Ex db IIC T6...T5 Gb Ex tb IIIC T85°C...T100°C Db					
	UK EX	Ⓜ II 2 G Ex db IIC T6...T5 Gb Ⓜ II 2D Ex tb IIIC T85°C...T100°C Db					
	UL Hazardous Location America	Class I, Zone 1, AEx db IIC T6...T5 Gb Zone 21, AEx tb IIIC T85°C...T100°C Db Class I, Div 2, Group A, B, C, D T6...T5 Class II, Div 2, Group F, G T6...T5			+80°C with Ta ≤ +69°C +81°C with Ta ≤ +70°C		
	UL Hazardous Location Canada	Ex db IIC T6...T5 Gb X Ex tb IIIC T85°C...T100°C Db X Class I, Div 2, Group A, B, C, D T6...T5 Class II, Div 2, Group F, G T6...T5					
	MPXR6*A0**C*	ATEX			Ⓜ II 2 G Ex db IIC T6...T5 Gb Ⓜ II 2D Ex tb IIIC T85°C...T100°C Db		+80°C
		IECEX			Ex db IIC T6...T5 Gb Ex tb IIIC T85°C...T100°C Db		
EAC Ex		1Ex d IIC T6...T5 Gb X Ex tb IIIC T85°C...T100°C Db X					
INMETRO		Ex db IIC T6...T5 Gb Ex tb IIIC T85°C...T100°C Db					
KCs		Ex db IIC T6...T5 Gb Ex tb IIIC T85°C...T100°C Db					
UK EX		Ⓜ II 2 G Ex db IIC T6...T5 Gb Ⓜ II 2D Ex tb IIIC T85°C...T100°C Db					
MPXR1*D0**C*, MPXR2*D0**C*, MPXR3*D0**C*, MPXR5*D0**C*, MPXR6*D0**C*	ATEX	Ⓜ II 2G Ex db IIC T4 Gb Ⓜ II 2D Ex tb IIIC T135°C Db	-40°C ≤ Ta ≤ +80°C	+90°C			
	IECEX	Ex db IIC T4 Gb Ex tb IIIC T135°C Db					
	EAC Ex	1Ex d IIC T4 Gb X Ex tb IIIC T135°C Db X					
	INMETRO	Ex db IIC T4 Gb Ex tb IIIC T135°C Db					
	KCs	Ex db IIC T4 Gb Ex tb IIIC T135°C Db					
	UK EX	Ⓜ II 2G Ex db IIC T4 Gb Ⓜ II 2D Ex tb IIIC T135°C Db					

All updates on Certifications and Markings at www.videotec.com.

MAXIMUS MPXT SERIES2



MAXIMUS MPXT SERIES2 - CONFIGURATION OPTIONS

	Voltage	Day/NightCamera	Thermal Camera	Temperature Class	Radiometry	Onvif Profiles		Frequency
MPXT	1 230Vac	2 SONY FCB-EV7520 camera, FULL HD 1080p, 30x	A Thermal camera 35mm, 336x256	A T6...T5 -40°C/+60°C or +70°C	00 Thermal camera with radiometric functions	0 Complies with ONVIF, Profile Q, Profile S and Profile T	C	7.5Hz
	2 24Vac		B Thermal camera 25mm, 336x256	D T4 -40°C/+80°C	0R Thermal camera with advanced radiometric functions	1 Complies with ONVIF, Profile S and Profile T	H	30Hz
	3 120Vac		V Thermal camera 19mm, 336x256					
	5 220Vac		F Thermal camera 13mm, 336x256					
	6 100Vac		C Thermal camera 9mm, 336x256					
			D Thermal camera 35mm, 640x512					
			E Thermal camera 25mm, 640x512					
			U Thermal camera 19mm, 640x512					

Not all combinations are possible.
Thermal camera with advanced radiometric functions are available upon request.

MAXIMUS MPXT SERIES2 - CERTIFICATIONS AND MARKINGS

Part Number	Certification	Marking	Ambient Temperature	Cable Entry Temperature			
MPXT1*A0**C, MPXT2*A0**C, MPXT3*A0**C, MPXT5*A0**C	ATEX	Ⓜ II 2 G Ex db IIC T6...T5 Gb Ⓜ II 2D Ex tb IIIC T85°C...T100°C Db	-40°C ≤ Ta ≤ +60°C or +70°C	+80°C			
	IECEX	Ex db IIC T6...T5 Gb Ex tb IIIC T85°C...T100°C Db					
	EAC Ex	1Ex d IIC T6...T5 Gb X Ex tb IIIC T85°C...T100°C Db X					
	INMETRO	Ex db IIC T6...T5 Gb Ex tb IIIC T85°C...T100°C Db					
	KCs	Ex db IIC T6...T5 Gb Ex tb IIIC T85°C...T100°C Db					
	UK EX	Ⓜ II 2 G Ex db IIC T6...T5 Gb Ⓜ II 2D Ex tb IIIC T85°C...T100°C Db					
	UL Hazardous Location America	Class I, Zone 1, AEx db IIC T6...T5 Gb Zone 21, AEx tb IIIC T85°C...T100°C Db Class I, Div 2, Group A, B, C, D T6...T5 Class II, Div 2, Group F, G T6...T5			+80°C with Ta ≤ +69°C +81°C with Ta ≤ +70°C		
	UL Hazardous Location Canada	Ex db IIC T6...T5 Gb X Ex tb IIIC T85°C...T100°C Db X Class I, Div 2, Group A, B, C, D T6...T5 Class II, Div 2, Group F, G T6...T5					
	MPXT6*A0**C	ATEX			Ⓜ II 2 G Ex db IIC T6...T5 Gb Ⓜ II 2D Ex tb IIIC T85°C...T100°C Db		+80°C
		IECEX			Ex db IIC T6...T5 Gb Ex tb IIIC T85°C...T100°C Db		
EAC Ex		1Ex d IIC T6...T5 Gb X Ex tb IIIC T85°C...T100°C Db X					
INMETRO		Ex db IIC T6...T5 Gb Ex tb IIIC T85°C...T100°C Db					
KCs		Ex db IIC T6...T5 Gb Ex tb IIIC T85°C...T100°C Db					
UK EX		Ⓜ II 2 G Ex db IIC T6...T5 Gb Ⓜ II 2D Ex tb IIIC T85°C...T100°C Db					
MPXT1*D0**C, MPXT2*D0**C, MPXT3*D0**C, MPXT5*D0**C, MPXT6*D0**C	ATEX	Ⓜ II 2G Ex db IIC T4 Gb Ⓜ II 2D Ex tb IIIC T135°C Db	-40°C ≤ Ta ≤ +80°C	+90°C			
	IECEX	Ex db IIC T4 Gb Ex tb IIIC T135°C Db					
	EAC Ex	1Ex d IIC T4 Gb X Ex tb IIIC T135°C Db X					
	INMETRO	Ex db IIC T4 Gb Ex tb IIIC T135°C Db					
	KCs	Ex db IIC T4 Gb Ex tb IIIC T135°C Gb					
	UK EX	Ⓜ II 2G Ex db IIC T4 Gb Ⓜ II 2D Ex tb IIIC T135°C Db					

All updates on Certifications and Markings at www.videotec.com.

MAXIMUS MPXL SERIES2



MAXIMUS MPXL SERIES2 - CONFIGURATION OPTIONS

	Voltage	Day/Night camera	Wavelength - IR illuminator	Lens	Temperature class and ambient temperature	Video analytics	ONVIF Profiles	
MPXL	1 from 220Vac up to 230Vac	2 SONY FCB-EV7520 camera, FULL HD 1080p, 30x	8 850nm	2 Spot, Wide	F ATEX - IECEx - INMETRO - EAC Ex - KCs UK Ex T6...T4 -40°C/+50°C or +60°C or +70°C cULus T5...T4 -40°C/+40°C or +60°C	0 Without integrated video analytics (without VIDEOTEC ANALYTICS)	00 Complies with ONVIF, Profile Q, Profile S and Profile T	C
	2 24Vac		W white light		G ATEX - IECEx - INMETRO - EAC Ex - KCs UK Ex T6...T4 -40°C/+40°C or +50°C or +60°C cULus T5...T4 -40°C/+40°C or +55°C	V With integrated video analytics (VIDEOTEC ANALYTICS)	01 Complies with ONVIF, Profile S and Profile T	
	3 120Vac							
	6 100Vac							

Not all combinations are possible.

MAXIMUS MPXL SERIES2 (WITHOUT VIDEOTEC ANALYTICS)- CERTIFICATIONS AND MARKINGS

Part Number	Certification	Marking	Ambient Temperature	Cable Entry Temperature
MPXL1282F0**C MPXL3282F0**C MPXL2282F0**C	ATEX	Ⓜ II 2G Ex db IIC T6...T4 Gb Ⓜ II 2D Ex tb IIIC T85°C...T135°C Db	-40°C ≤ Ta ≤ +50°C or +60°C or +70°C (T6/T85°C with Ta ≤ +50°C) (T5/T100°C with Ta ≤ +60°C) (T4/T135°C with Ta ≤ +70°C)	+80°C with Ta ≤ +60°C +90°C with Ta ≤ +70°C
	IECEX	Ex db IIC T6...T4 Gb Ex tb IIIC T85°C...T135°C Db		
	EAC Ex (pending)	1 Ex d IIC T6...T4 Gb X Ex tb IIIC T85°C...T135°C Db		
	INMETRO	Ex db IIC T6...T4 Gb Ex tb IIIC T85°C...T135°C Db		
	KCs	Ex db IIC T6...T4 Gb Ex tb IIIC T85°C...T135°C Db		
	UK EX	Ⓜ II 2G Ex db IIC T6...T4 Gb Ⓜ II 2D Ex tb IIIC T85°C...T135°C Db		
	UL Hazardous Location America	Class I, Zone 1, AEx db IIC T5...T4 Gb Zone 21, AEx tb IIIC T100°C...T135°C Db Class I, Div 2, Group A, B, C, D T5...T4 Class II, Div 2, Group F, G T5...T4	-40°C ≤ Ta ≤ +40°C or +60°C (T5/T100°C with Ta ≤ +40°C) (T4/T135°C with Ta ≤ +60°C)	+80°C
	UL Hazardous Location Canada	Ex db IIC T5...T4 Gb X Ex tb IIIC T100°C...T135°C Db X Class I, Div 2, Group A, B, C, D T5...T4 Class II, Div 2, Group F, G T5...T4		
MPXL6282F0**C	ATEX	Ⓜ II 2G Ex db IIC T6...T4 Gb Ⓜ II 2D Ex tb IIIC T85°C...T135°C Db	-40°C ≤ Ta ≤ +50°C or +60°C or +70°C (T6/T85°C with Ta ≤ +50°C) (T5/T100°C with Ta ≤ +60°C) (T4/T135°C with Ta ≤ +70°C)	+80°C with Ta ≤ +60°C +90°C with Ta ≤ +70°C
	IECEX	Ex db IIC T6...T4 Gb Ex tb IIIC T85°C...T135°C Db		
	EAC Ex (pending)	1 Ex d IIC T6...T4 Gb X Ex tb IIIC T85°C...T135°C Db		
	INMETRO	Ex db IIC T6...T4 Gb Ex tb IIIC T85°C...T135°C Db		
	KCs	Ex db IIC T6...T4 Gb Ex tb IIIC T85°C...T135°C Db		
	UK EX	Ⓜ II 2G Ex db IIC T6...T4 Gb Ⓜ II 2D Ex tb IIIC T85°C...T135°C Db		

MAXIMUS MPXL SERIES2 (WITH VIDEOTEC ANALYTICS)- CERTIFICATIONS AND MARKINGS

Part Number	Certification	Marking	Ambient Temperature	Cable Entry Temperature
MPXL1282GV**C MPXL3282GV**C MPXL2282GV**C	ATEX	Ⓜ II 2G Ex db IIC T6...T4 Gb Ⓜ II 2D Ex tb IIIC T85°C...T135°C Db	-40°C ≤ Ta ≤ +40°C or +50°C or +60°C (T6/T85°C with Ta ≤ +40°C) (T5/T100°C with Ta ≤ +50°C) (T4/T135°C with Ta ≤ +60°C)	+80°C
	IECEX	Ex db IIC T6...T4 Gb Ex tb IIIC T85°C...T135°C Db		
	EAC Ex (pending)	1 Ex d IIC T6...T4 Gb X Ex tb IIIC T85°C...T135°C Db		
	INMETRO	Ex db IIC T6...T4 Gb Ex tb IIIC T85°C...T135°C Db		
	KCs	Ex db IIC T6...T4 Gb Ex tb IIIC T85°C...T135°C Db		
	UK EX	Ⓜ II 2G Ex db IIC T6...T4 Gb Ⓜ II 2D Ex tb IIIC T85°C...T135°C Db		
	UL Hazardous Location America	Class I, Zone 1, AEx db IIC T5...T4 Gb Zone 21, AEx tb IIIC T100°C...T135°C Db Class I, Div 2, Group A, B, C, D T5...T4 Class II, Div 2, Group F, G T5...T4	-40°C ≤ Ta ≤ +40°C or +55°C (T5/T100°C with Ta ≤ +40°C) (T4/T135°C with Ta ≤ +55°C)	
	UL Hazardous Location Canada	Ex db IIC T5...T4 Gb X Ex tb IIIC T100°C...T135°C Db X Class I, Div 2, Group A, B, C, D T5...T4 Class II, Div 2, Group F, G T5...T4		
MPXL6282GV**C	ATEX	Ⓜ II 2G Ex db IIC T6...T4 Gb Ⓜ II 2D Ex tb IIIC T85°C...T135°C Db	-40°C ≤ Ta ≤ +40°C or +50°C or +60°C (T6/T85°C with Ta ≤ +40°C) (T5/T100°C with Ta ≤ +50°C) (T4/T135°C with Ta ≤ +60°C)	
	IECEX	Ex db IIC T6...T4 Gb Ex tb IIIC T85°C...T135°C Db		
	EAC Ex (pending)	1 Ex d IIC T6...T4 Gb X Ex tb IIIC T85°C...T135°C Db		
	INMETRO	Ex db IIC T6...T4 Gb Ex tb IIIC T85°C...T135°C Db		
	KCs	Ex db IIC T6...T4 Gb Ex tb IIIC T85°C...T135°C Db		
	UK EX	Ⓜ II 2G Ex db IIC T6...T4 Gb Ⓜ II 2D Ex tb IIIC T85°C...T135°C Db		

All updates on Certifications and Markings at www.videotec.com.



MAXIMUS MVX & MVXT

EXPLOSION-PROOF CAMERAS

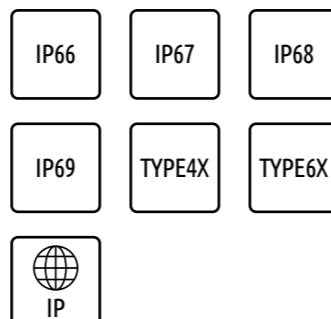


The **MAXIMUS MVX** range of cameras offers effective video surveillance and process control in critical environments where the air is potentially explosive due to the presence of flammable gases or dust. Hazardous areas can frequently be found in the Oil & Gas, marine and industrial sectors.

The MVX range meets the most stringent international standards, achieving the required certification levels for use in Zones 1 and 2 (Gas), Group IIC T5 and 6, and Zones 21 and 22 (Dust), Group IIIC T100°C and T85°C.

The extensive temperature range of certification, from -60°C to +65°C with a sophisticated cold start system, offers the possibility of working in extreme environments.

The MAXIMUS MVX series products are Lloyd's Register Type Approval System, Test Specification Number 1 certified and therefore, can be used in Marine and Offshore applications for environmental categories ENV1, ENV2, ENV3 and ENV5.



MAXIMUS MVX & MVXT

EXPLOSION-PROOF CAMERAS



MAXIMUS MVX

MAXIMUS MVXT

	IP video output	IP video output	IP video output	Analogue video output
CAMERA	SONY FCB-EV7520 CAMERA	DELUX TECHNOLOGY	IP	ANALOG
Type of camera	Day/Night camera	Day/Night camera	Thermal camera	Thermal camera
Radiometric analysis	-	-	√	-
Image electronic stabilizer	√	-	-	-
Resolution	Full HD (1920x1080)	Full HD (1920x1080)	720x480 (interpolated resolution)	PAL 720x576 (interpolated resolution), NTSC 720x480 (interpolated resolution)
Minimum illumination	Colour: 0.0013lx (50 IRE, High sensitivity on) B/W: 0.0008lx (30 IRE, High sensitivity on)	Colour: 0.006lx (F1.6, 30 IRE) B/W: 0.0006lx (F1.6, 30 IRE)	-	-
Zoom	30x (360x with digital zoom)	30x (480x with digital zoom)	2x, 4x (336x256) 2x, 4x, 8x (640x512)	2x, 4x (336x256) 2x, 4x, 8x (640x512)
Lens	f= from 4.3mm (wide) up to 129mm (tele), from F1.6 up to F14	f= from 4.5mm (wide) up to 135mm (tele), from F1.6 up to F9.6	9mm, 13mm, 19mm, 25mm, 35mm, 50mm, 60mm	9mm, 13mm, 19mm, 25mm, 35mm, 50mm, 60mm
Privacy zones masking	√ (dynamic masking)	√	-	-
MECHANICAL				
Material	AISI 316L stainless steel construction	AISI 316L stainless steel construction	AISI 316L stainless steel construction	AISI 316L stainless steel construction
Cable glands	Cable gland with gasket Ex d 3/4"NPT and 4m/10m (13ft/33ft) preinstalled multipolar armoured cable or with 4m (13ft)/10m (32.8ft) cable tail (for installation with conduit, conduit sealing fitting and conduit not included)	Cable gland with gasket Ex d 3/4"NPT and 4m/10m (13ft/33ft) preinstalled multipolar armoured cable or with 4m (13ft)/10m (32.8ft) cable tail (for installation with conduit, conduit sealing fitting and conduit not included)	Cable gland with gasket Ex d 3/4"NPT and 4m/10m (13ft/33ft) preinstalled multipolar armoured cable or with 4m (13ft)/10m (32.8ft) cable tail (for installation with conduit, conduit sealing fitting and conduit not included)	Cable gland with gasket Ex d 3/4"NPT and 4m/10m (13ft/33ft) preinstalled multipolar armoured cable or with 4m (13ft)/10m (32.8ft) cable tail (for installation with conduit, conduit sealing fitting and conduit not included)
Glass cleaning device	Integrated wiper	Integrated wiper	-	-
ELECTRICAL				
Supply voltage/current consumption	24Vac, 2.2A, 50/60Hz 24Vdc, 2.2A 12Vdc, 3.5A	24Vac, 2.2A, 50/60Hz 24Vdc, 2.2A 12Vdc, 3.5A	24Vac, 2.2A, 50/60Hz 24Vdc, 2.2A 12Vdc, 3.5A	24Vac, 2.2A, 50/60Hz 24Vdc, 2.2A 12Vdc, 3.5A
Power consumption	50W max	50W max	50W max	50W max
SOFTWARE				
Communication protocol	ONVIF, Profile Q, Profile S and Profile T	ONVIF, Profile Q, Profile S and Profile T	ONVIF, Profile Q, Profile S and Profile T, ONVIF Thermal Service	-
Serial communication protocol	-	-	-	PANASONIC, PELCO D, VIDEOTEC MACRO
Video compression	H.264/AVC, MJPEG, MPEG4, snapshot JPEG	H.264/AVC, MJPEG, MPEG4, snapshot JPEG	H.264/AVC, MJPEG, MPEG4, snapshot JPEG	-
Cybersecurity	√	√	√	-
ENVIRONMENT				
Certification temperature	from -60°C (-76°F) up to +65°C (149°F)	from -60°C (-76°F) up to +65°C (149°F)	from -60°C (-76°F) up to +65°C (149°F)	from -60°C (-76°F) up to +65°C (149°F)
Relative humidity	From 5% up to 95%	From 5% up to 95%	From 5% up to 95%	From 5% up to 95%
Marine Certification	Lloyd's Register Marine Type Approval (only if used with the filter accessory FM1010)	Lloyd's Register Marine Type Approval (only if used with the filter accessory FM1010)	Lloyd's Register Marine Type Approval (only if used with the filter accessory FM1010)	Lloyd's Register Marine Type Approval (only if used with the filter accessory FM1010)



MAXIMUS MVX RANGE - CERTIFICATIONS AND MARKINGS (VERSIONS WITH ARMoured CABLE)		
Certification	Marking	Ambient Temperature
ATEX	Ⓜ II 2 G Ex db IIC T5 Gb Ⓜ II 2 D Ex tb IIIC T100°C Db IP66/IP68	-60°C ≤ Ta ≤ +65°C
	Ⓜ II 2 G Ex db IIC T6 Gb Ⓜ II 2 D Ex tb IIIC T85°C Db IP66/IP68	-60°C ≤ Ta ≤ +55°C
IECEX	Ex db IIC T5 Gb Ex tb IIIC T100°C Db IP66/IP68	-60°C ≤ Ta ≤ +65°C
	Ex db IIC T6 Gb Ex tb IIIC T85°C Db IP66/IP68	-60°C ≤ Ta ≤ +55°C
INMETRO	Ex db IIC T5 Gb Ex tb IIIC T100°C Db IP66/IP68	-60°C ≤ Ta ≤ +65°C
	Ex db IIC T6 Gb Ex tb IIIC T85°C Db IP66/IP68	-60°C ≤ Ta ≤ +55°C
EAC Ex	1Ex d IIC T5 Gb X Ex tb IIIC T100°C Db X	-60°C ≤ Ta ≤ +65°C
	1Ex d IIC T6 Gb X Ex tb IIIC T85°C Db X	-60°C ≤ Ta ≤ +55°C
UK EX	Ⓜ II 2 G Ex db IIC T5 Gb Ⓜ II 2 D Ex tb IIIC T100°C Db IP66/IP68	-60°C ≤ Ta ≤ +65°C
	Ⓜ II 2 G Ex db IIC T6 Gb Ⓜ II 2 D Ex tb IIIC T85°C Db IP66/IP68	60°C ≤ Ta ≤ +55°C

MAXIMUS MVX RANGE - CERTIFICATIONS AND MARKINGS (CABLE TAIL VERSIONS, FOR INSTALLATION WITH CONDUIT)		
Certification	Marking	Ambient Temperature
ATEX	Ⓜ II 2 G Ex db IIC T5 Gb Ⓜ II 2 D Ex tb IIIC T100°C Db IP66/IP68	-50°C ≤ Ta ≤ +65°C
	Ⓜ II 2 G Ex db IIC T6 Gb Ⓜ II 2 D Ex tb IIIC T85°C Db IP66/IP68	-50°C ≤ Ta ≤ +55°C
IECEX	Ex db IIC T5 Gb Ex tb IIIC T100°C Db IP66/IP68	-50°C ≤ Ta ≤ +65°C
	Ex db IIC T6 Gb Ex tb IIIC T85°C Db IP66/IP68	-50°C ≤ Ta ≤ +55°C
INMETRO	Ex db IIC T5 Gb Ex tb IIIC T100°C Db IP66/IP68	-50°C ≤ Ta ≤ +65°C
	Ex db IIC T6 Gb Ex tb IIIC T85°C Db IP66/IP68	-50°C ≤ Ta ≤ +55°C
KCs	Ex d IIC T5 Ex tb IIIC T100°C	-50°C ≤ Ta ≤ +65°C
	Ex d IIC T6 Ex tb IIIC T85°C	-50°C ≤ Ta ≤ +55°C
EAC Ex	1Ex d IIC T5 Gb X Ex tb IIIC T100°C Db X	-50°C ≤ Ta ≤ +65°C
	1Ex d IIC T6 Gb X Ex tb IIIC T85°C Db X	-50°C ≤ Ta ≤ +55°C
Hazardous Location America	Class I Zone 1 AEx db IIC T5 Gb Zone 21 AEx tb IIIC T100°C Db Class I Div 2 Group A,B,C & D T5 Class II Div 2 Group F & G T100°C	-50°C ≤ Ta ≤ +65°C
	Class I Zone 1 AEx db IIC T6 Gb Zone 21 AEx tb IIIC T85°C Db Class I Div 2 Group A,B,C & D T6 Class II Div 2 Group F & G T85°C	-50°C ≤ Ta ≤ +55°C
Hazardous Location Canada	Ex db IIC T5 Gb Ex tb IIIC T100°C Db Class I Div 2 Group A,B,C & D T5 Class II Div 2 Group F & G T100°C	-50°C ≤ Ta ≤ +65°C
	Ex db IIC T6 Gb Ex tb IIIC T85°C Db Class I Div 2 Group A,B,C & D T6 Class II Div 2 Group F & G T85°C	-50°C ≤ Ta ≤ +55°C
UK EX	Ⓜ II 2 G Ex db IIC T5 Gb Ⓜ II 2 D Ex tb IIIC T100°C Db IP66/IP68	-50°C ≤ Ta ≤ +65°C
	Ⓜ II 2 G Ex db IIC T6 Gb Ⓜ II 2 D Ex tb IIIC T85°C Db IP66/IP68	-50°C ≤ Ta ≤ +55°C

All updates on Certifications and Markings at www.videotec.com.



MAXIMUS MVXT (IP VERSION) - CONFIGURATION OPTIONS WITH CABLE GLAND AND SHIELDED CABLE										
	Voltage	Thermal Camera	Radiometry		Connections		Model		Frequency	
MVXT	2 12-24Vdc/ 24Vac	Q Thermal camera 9mm, 336x256	O Thermal camera with radiometric functions	S	A Cable gland Ex d 3/4" NPT and 4m (13ft) armoured cable	Z	00 T5 -60°C/+65°C	B	-	7.5Hz
		M Thermal camera 13mm, 336x256	R Thermal camera with advanced radiometric functions		B Cable gland Ex d 3/4" NPT and 10m (32.8ft) armoured cable		02 T6 -60°C/+55°C		H	30Hz
		Z Thermal camera 19mm, 336x256								
		L Thermal camera 25mm, 336x256								
		I Thermal camera 35mm, 336x256								
		J Thermal camera 50mm, 336x256								
		P Thermal camera 60mm, 336x256								
		H Thermal camera 9mm, 640x512								
		G Thermal camera 13mm, 640x512								
		U Thermal camera 19mm, 640x512								
		E Thermal camera 25mm, 640x512								
		D Thermal camera 35mm, 640x512								
		W Thermal camera 50mm, 640x512								
		K Thermal camera 60mm, 640x512								

Not all combinations are possible.

MAXIMUS MVXT (IP VERSION) - CONFIGURATION OPTIONS WITH CABLE TAIL (FOR INSTALLATION WITH CONDUIT, CONDUIT SEALING FITTING AND CONDUIT NOT INCLUDED)										
	Voltage	Thermal Camera	Radiometry		Connections		Model		Frequency	
MVXT	2 12-24Vdc/ 24Vac	Q Thermal camera 9mm, 336x256	O Thermal camera with radiometric functions	S	F 4m (13ft) cable tail	Z	01 T5 -50°C/+65°C	B	-	7.5Hz
		M Thermal camera 13mm, 336x256	R Thermal camera with advanced radiometric functions		G 10m (32.8ft) cable tail		03 T6 -50°C/+55°C		H	30Hz
		Z Thermal camera 19mm, 336x256								
		L Thermal camera 25mm, 336x256								
		I Thermal camera 35mm, 336x256								
		J Thermal camera 50mm, 336x256								
		P Thermal camera 60mm, 336x256								
		H Thermal camera 9mm, 640x512								
		G Thermal camera 13mm, 640x512								
		U Thermal camera 19mm, 640x512								
		E Thermal camera 25mm, 640x512								
		D Thermal camera 35mm, 640x512								
		W Thermal camera 50mm, 640x512								
		K Thermal camera 60mm, 640x512								

Not all combinations are possible.

MAXIMUS
MVXT (ANALOGUE VERSION)



MAXIMUS MVXT (ANALOG VERSION) - CONFIGURATION OPTIONS WITH CABLE GLAND AND SHIELDED CABLE													
	Voltage		Thermal Camera		Connections		Model		Frequency				
MVXT	2	12-24Vdc/ 24Vac	Q0	Thermal camera 9mm, 336x256	S	A	Cable gland Ex d 3/4" NPT and 4m (13ft) armoured cable	0	00	T5 -60°C/+65°C	A	-	7.5
			M0	Thermal camera 13mm, 336x256		B	Cable gland Ex d 3/4" NPT and 10m (32.8ft) armoured cable		02	T6 -60°C/+55°C		H	30Hz
			Z0	Thermal camera 19mm, 336x256									
			L0	Thermal camera 25mm, 336x256									
			I0	Thermal camera 35mm, 336x256									
			J0	Thermal camera 50mm, 336x256									
			P0	Thermal camera 60mm, 336x256									
			H0	Thermal camera 9mm, 640x512									
			G0	Thermal camera 13mm, 640x512									
			U0	Thermal camera 19mm, 640x512									
			E0	Thermal camera 25mm, 640x512									
			D0	Thermal camera 35mm, 640x512									
			W0	Thermal camera 50mm, 640x512									
			K0	Thermal camera 60mm, 640x512									

Not all combinations are possible.

MAXIMUS MVXT (ANALOG VERSION) - CONFIGURATION OPTIONS WITH CABLE TAIL (FOR INSTALLATION WITH CONDUIT, CONDUIT SEALING FITTING AND CONDUIT NOT INCLUDED)													
	Voltage		Thermal Camera		Connections		Model		Frequency				
MVXT	2	12-24Vdc/ 24Vac	Q0	Thermal camera 9mm, 336x256	S	F	4m (13ft) cable tail	0	01	T5 -50°C/+65°C	A	-	7.5
			M0	Thermal camera 13mm, 336x256		G	10m (32.8ft) cable tail		03	T6 -50°C/+55°C		H	30Hz
			Z0	Thermal camera 19mm, 336x256									
			L0	Thermal camera 25mm, 336x256									
			I0	Thermal camera 35mm, 336x256									
			J0	Thermal camera 50mm, 336x256									
			P0	Thermal camera 60mm, 336x256									
			H0	Thermal camera 9mm, 640x512									
			G0	Thermal camera 13mm, 640x512									
			U0	Thermal camera 19mm, 640x512									
			E0	Thermal camera 25mm, 640x512									
			D0	Thermal camera 35mm, 640x512									
			W0	Thermal camera 50mm, 640x512									
			K0	Thermal camera 60mm, 640x512									

Not all combinations are possible.

MAXIMUS MVXT RANGE (ANALOG VERSION) - CERTIFICATIONS AND MARKINGS (VERSIONS WITH ARMoured CABLE)		
Certification	Marking	Ambient Temperature
ATEX	Ⓜ II 2 G Ex db IIC T5 Gb Ⓜ II 2 D Ex tb IIIC T100°C Db IP66/IP68	-60°C ≤ Ta ≤ +65°C
	Ⓜ II 2 G Ex db IIC T6 Gb Ⓜ II 2 D Ex tb IIIC T85°C Db IP66/IP68	-60°C ≤ Ta ≤ +55°C
IECEX	Ex db IIC T5 Gb Ex tb IIIC T100°C Db IP66/IP68	-60°C ≤ Ta ≤ +65°C
	Ex db IIC T6 Gb Ex tb IIIC T85°C Db IP66/IP68	-60°C ≤ Ta ≤ +55°C
INMETRO	Ex db IIC T5 Gb Ex tb IIIC T100°C Db IP66/IP68	-60°C ≤ Ta ≤ +65°C
	Ex db IIC T6 Gb Ex tb IIIC T85°C Db IP66/IP68	-60°C ≤ Ta ≤ +55°C
EAC Ex	1Ex d IIC T5 Gb X Ex tb IIIC T100°C Db X	-60°C ≤ Ta ≤ +65°C
	1Ex d IIC T6 Gb X Ex tb IIIC T85°C Db X	-60°C ≤ Ta ≤ +55°C
UK EX	Ⓜ II 2 G Ex db IIC T5 Gb Ⓜ II 2 D Ex tb IIIC T100°C Db IP66/IP68	-60°C ≤ Ta ≤ +65°C
	Ⓜ II 2 G Ex db IIC T6 Gb Ⓜ II 2 D Ex tb IIIC T85°C Db IP66/IP68	-60°C ≤ Ta ≤ +55°C

MAXIMUS MVXT RANGE - CERTIFICATIONS AND MARKINGS (CABLE TAIL VERSIONS, FOR INSTALLATION WITH CONDUIT)		
Certification	Marking	Ambient Temperature
ATEX	Ⓜ II 2 G Ex db IIC T5 Gb Ⓜ II 2 D Ex tb IIIC T100°C Db IP66/IP68	-50°C ≤ Ta ≤ +65°C
	Ⓜ II 2 G Ex db IIC T6 Gb Ⓜ II 2 D Ex tb IIIC T85°C Db IP66/IP68	-50°C ≤ Ta ≤ +55°C
IECEX	Ex db IIC T5 Gb Ex tb IIIC T100°C Db IP66/IP68	-50°C ≤ Ta ≤ +65°C
	Ex db IIC T6 Gb Ex tb IIIC T85°C Db IP66/IP68	-50°C ≤ Ta ≤ +55°C
INMETRO	Ex db IIC T5 Gb Ex tb IIIC T100°C Db IP66/IP68	-50°C ≤ Ta ≤ +65°C
	Ex db IIC T6 Gb Ex tb IIIC T85°C Db IP66/IP68	-50°C ≤ Ta ≤ +55°C
EAC Ex	1Ex d IIC T5 Gb X Ex tb IIIC T100°C Db X	-50°C ≤ Ta ≤ +65°C
	1Ex d IIC T6 Gb X Ex tb IIIC T85°C Db X	-50°C ≤ Ta ≤ +55°C
Hazardous Location America	Class I Zone 1 AEx db IIC T5 Gb Zone 21 AEx tb IIIC T100°C Db Class I Div 2 Group A, B, C & D T5 Class II Div 2 Group F & G T100°C	-50°C ≤ Ta ≤ +65°C
	Class I Zone 1 AEx db IIC T6 Gb Zone 21 AEx tb IIIC T85°C Db Class I Div 2 Group A, B, C & D T6 Class II Div 2 Group F & G T85°C	-50°C ≤ Ta ≤ +55°C
Hazardous Location Canada	Ex db IIC T5 Gb Ex tb IIIC T100°C Db Class I Div 2 Group A, B, C & D T5 Class II Div 2 Group F & G T100°C	-50°C ≤ Ta ≤ +65°C
	Ex db IIC T6 Gb Ex tb IIIC T85°C Db Class I Div 2 Group A, B, C & D T6 Class II Div 2 Group F & G T85°C	-50°C ≤ Ta ≤ +55°C
UK EX	Ⓜ II 2 G Ex db IIC T5 Gb Ⓜ II 2 D Ex tb IIIC T100°C Db IP66/IP68	-50°C ≤ Ta ≤ +65°C
	Ⓜ II 2 G Ex db IIC T6 Gb Ⓜ II 2 D Ex tb IIIC T85°C Db IP66/IP68	-50°C ≤ Ta ≤ +55°C

All updates on Certifications and Markings at www.videotec.com.



MAXIMUS MMX

EXPLOSION-PROOF
CAMERAS



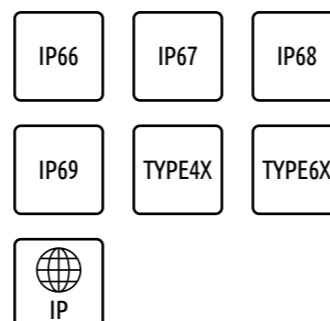
The explosion-proof **MAXIMUS MMX** camera is perfect for efficient video surveillance and control of processes in hazardous environments where the atmosphere is potentially explosive due to the presence of flammable gas or dust, typical of the Oil&Gas, marine or industrial and foodstuff sectors.

The Full HD, 1080p camera, with 3x or 10x motorised zoom lens, offers multiple video streams (H.264/AVC, MJPEG, JPEG, MPEG4) and provides exceptional image quality, picking out every detail in a scene, even in the harshest environmental conditions.

An absolute advantage offered by this camera is its easy and safe installation. The camera can be supplied with multipolar cabling. The camera can also be powered in PoE+, thereby allowing further simplification of installation operations.

Brackets for wall, ceiling and parapet installation and sunshield are supplied as a standard.

The MAXIMUS MMX product is Lloyd's Register Type Approval System, Test Specification Number 1 certified and therefore can be used in Marine and Offshore applications for environmental categories ENV1, ENV2, ENV3 and ENV5.



MAXIMUS MMX

EXPLOSION-PROOF
CAMERAS



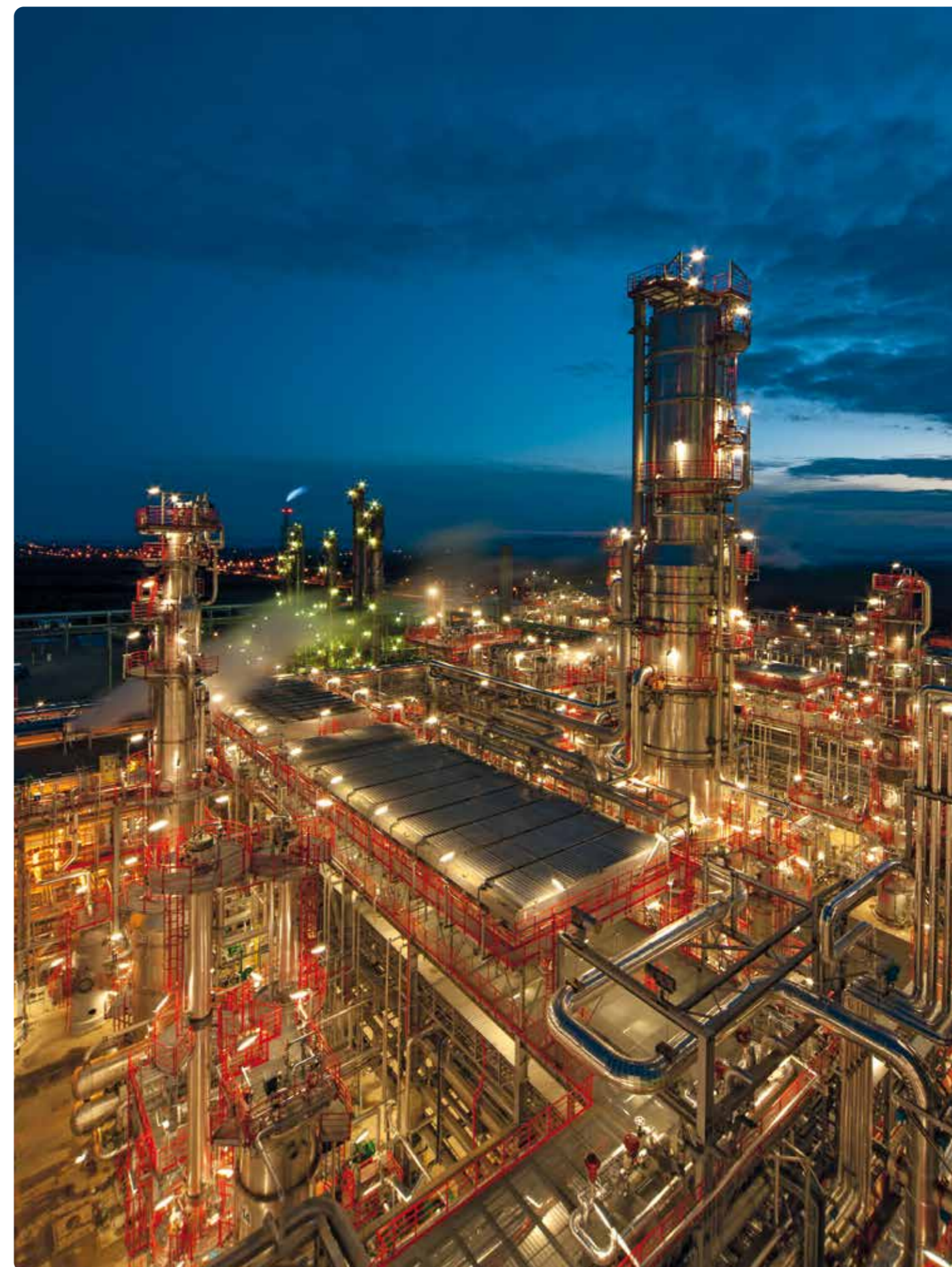
MAXIMUS MMX

	WITH DAY/NIGHT CAMERA 10X ZOOM	WITH DAY/NIGHT CAMERA 3X ZOOM
CAMERA		
Type of camera	IP video output	IP video output
Image electronic stabilizer	√	-
Resolution	Full HD (1920x1080)	Full HD (1920x1080)
Zoom	10x (320x with digital zoom)	3x (36x with digital zoom)
Lens	f= from 5.1mm (wide) up to 51mm (tele), from F1.6 up to F1.8	f= from 3.0mm (wide) up to 9.0mm (tele), from F1.2 up to F2.1
MECHANICAL		
Material	AISI 316L stainless steel construction	AISI 316L stainless steel construction
Cable glands	Cable gland with gasket Ex d 1/2"NPT only for version with pre-installed multipolar armoured cable 4m (13ft)/10m (32.8ft)	Cable gland with gasket Ex d 1/2"NPT only for version with pre-installed multipolar armoured cable 4m (13ft)/10m (32.8ft)
Supplied brackets	Supports for wall, ceiling or parapet installation	Supports for wall, ceiling or parapet installation
ELECTRICAL		
Supply voltage/current consumption	24Vac, 1.32A, 50/60Hz 24Vdc, 0.9A PoE+ (IEEE 802-at), 0.46A	24Vac, 1.32A, 50/60Hz 24Vdc, 0.9A PoE+ (IEEE 802-at), 0.46A
Power consumption	21W (24Vac, 1.32A, 50/60Hz) 20W (24Vdc, 0.9A) 21W (PoE+, 0.46A)	21W (24Vac, 1.32A, 50/60Hz) 20W (24Vdc, 0.9A) 21W (PoE+, 0.46A)
SOFTWARE		
Communication protocol	ONVIF, Profile Q, Profile S and Profile T	ONVIF, Profile Q, Profile S and Profile T
Video compression	H.264/AVC, MJPEG, MPEG4, snapshot JPEG	H.264/AVC, MJPEG, MPEG4, snapshot JPEG
Cybersecurity	√	√
ENVIRONMENT		
Certification temperature	from -40°C (-40°F) up to +70°C (158°F)	from -40°C (-40°F) up to +70°C (158°F)
Relative humidity	From 10% up to 95% (no condensation)	From 10% up to 95% (no condensation)
Marine Certification	Lloyd's Register Marine Type Approval (only if used with the filter accessory FM1010)	-

MAXIMUS MMX



MAXIMUS MMX - CERTIFICATIONS AND MARKINGS (WITH CABLE)					
Certification	Marking	Ambient Temperature	Cable input Temperature		
ATEX	Ⓜ II 2 G Ex db IIB T6...T5 Gb Ⓜ II 2 D Ex tb IIIC T85°C...T100°C Db	-40°C ≤ Ta ≤ +65°C or +70°C	+83.2°C with Ta ≤ +65°C +88.2°C with Ta ≤ +70°C		
IECEX	Ex db IIB T6...T5 Gb Ex tb IIIC T85°C...T100°C Db				
EAC Ex	1Ex d IIB T6...T5 Gb X Ex tb IIIC T85°C...T100°C Db X				
INMETRO	Ex db IIB T6...T5 Gb Ex tb IIIC T85 °C...T100 °C Db				
UK EX	Ⓜ II 2 G Ex db IIB T6...T5 Gb Ⓜ II 2 D Ex tb IIIC T85°C...T100°C Db				
MAXIMUS MMX - CERTIFICATIONS AND MARKINGS (WITHOUT CABLE)					
Certification	Marking	Ambient Temperature	Cable input Temperature		
ATEX	Ⓜ II 2 G Ex db IIB T6...T5 Gb Ⓜ II 2 D Ex tb IIIC T85°C...T100°C Db	-40°C ≤ Ta ≤ +65°C or +70°C	+83.2°C with Ta ≤ +65°C +88.2°C with Ta ≤ +70°C		
IECEX	Ex db IIB T6...T5 Gb Ex tb IIIC T85°C...T100°C Db				
EAC Ex	1Ex d IIB T6...T5 Gb X Ex tb IIIC T85°C...T100°C Db X				
KCs	Ex db IIB T6...T5 Gb Ex tb IIIC T85°C...T100°C Db				
INMETRO	Ex db IIB T6...T5 Gb Ex tb IIIC T85 °C...T100 °C Db				
Hazardous Location America	Class I, Zone 1, AEx db IIB T6...T5 Gb Zone 21, AEx tb IIIC T85°C...T100°C Db Class I, Div 2 Group C, D T6...T5 Class II, Div 2, Group F and G T6...T5				
Hazardous Location Canada	Ex db IIB T6...T5 Gb X Ex tb IIIC T85°C...T100°C Db X Class I, Div 2 Group C, D T6...T5 Class II, Div 2, Group F and G T6...T5				
UK EX	Ⓜ II 2 G Ex db IIB T6...T5 Gb Ⓜ II 2 D Ex tb IIIC T85°C...T100°C Db				
All updates on Certifications and Markings at www.videotec.com .					



MAXIMUS MHX & MHXT EXHC & EXHC THERMAL

EXPLOSION-PROOF
CAMERA HOUSINGS



The **MAXIMUS MHX** explosion-proof housings meet the strictest standards required for installation in hazardous environments where gas and flammable dust may be present (Zone 1 and 2, Group IIC for gas and Zone 21 and 22, for Group IIIC for dust). Made entirely of electro-polished AISI 316L stainless steel, these housings allow the camera inside to work perfectly in harsh environments, such as refineries, pipelines, tankers, off-shore rigs and industrial processes.

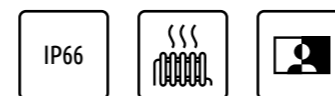
The MHX housing has a corresponding installation and working temperature range of -40 °C to +60 °C. The MHX model with a wiper has an in-built telemetry receiver that allows data to be received, via the serial RS-485 interface, so that the wiper and washer pump can be operated remotely, and external illuminators may be lit. Wiring the device is made easier thanks to removable connectors on the connection circuit. The MHXT model features a window made of germanium, a material that provides clear vision for thermal cameras.

The explosion-proof **EXHC** housings are ideal for use in areas where there is a risk of explosion and are certified Zone 1 and 2, Group IIC for gas and Zone 21 and 22, for Group IIIC for dust. These housings are made entirely of anti-corrosion aluminium. All components are oven-fire painted and provide high resistance to ultraviolet rays, saline mist and polluting agents that are present in the surrounding atmosphere. The EXH-G model features a window made of Germanium for thermal cameras. Heating is standard supplied, while the sunshield is optional.

MAXIMUS MHX
MAXIMUS MHXT



EXHC



MAXIMUS MHX & MHXT

EXPLOSION-PROOF
CAMERA HOUSINGS



MAXIMUS MHX

MAXIMUS MHXT

MECHANICAL

Material	AISI 316L stainless steel construction	AISI 316L stainless steel construction
Housing's window	Tempered extra clear glass	Germanium with protection grid
Internal usable area	80x82x245mm (3.1x3.2x9.6in)	80x82x245mm (3.1x3.2x9.6in)
Glass cleaning device	Version with Integrated wiper	-
Cable entry	2 holes 3/4" NPT for cable entry	2 holes 3/4" NPT for cable entry

ELECTRICAL

Supply voltage/current consumption	230Vac, 0.34A, 50/60Hz 120Vac, 0.5A, 50/60Hz 24Vac, 2.2A, 50/60Hz	230Vac, 0.34A, 50/60Hz 120Vac, 0.5A, 50/60Hz 24Vac, 2.2A, 50/60Hz
Power consumption	Compatible cameras: 13W max	Compatible cameras: 13W max

ENVIRONMENT

Certification temperature	From -40°C (-40°F) up to +60°C (140°F)	From -40°C (-40°F) up to +60°C (140°F)
IP protection degree	IP66, IP67	IP66, IP67

MAXIMUS MHX - CERTIFICATIONS AND MARKINGS

Certification	Marking	Ambient Temperature	Cable Entry Temperature
ATEX	Ⓜ II 2G Ex db IIC T6 Gb Ⓜ II 2D Ex tb IIIC T85°C Db	-40°C ≤ Ta ≤ +60°C	+90°C
IECEX	Ex db IIC T6 Gb Ex tb IIIC T85°C Db		
EAC Ex	1Ex d IIC T6 Gb X Ex tb IIIC T85°C Db X		
KCs	Ex db IIC T6 Gb Ex tb IIIC T85°C Db		
UK EX	Ⓜ II 2G Ex db IIC T6 Gb Ⓜ II 2D Ex tb IIIC T85°C Db		

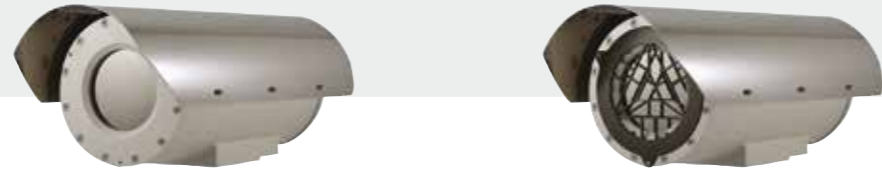
All updates on Certifications and Markings at www.videotec.com.

MAXIMUS MHXT - CERTIFICATIONS AND MARKINGS

Certification	Marking	Ambient Temperature	Cable Entry Temperature
ATEX	Ⓜ II 2G Ex db IIC T6 Gb Ⓜ II 2D Ex tb IIIC T85°C Db	-40°C ≤ Ta ≤ +60°C	+90°C
IECEX	Ex db IIC T6 Gb Ex tb IIIC T85°C Db		
EAC Ex	1Ex d IIC T6 Gb X Ex tb IIIC T85°C Db X		
KCs	Ex db IIC T6 Gb Ex tb IIIC T85°C Db		
UK EX	Ⓜ II 2G Ex db IIC T6 Gb Ⓜ II 2D Ex tb IIIC T85°C Db		

All updates on Certifications and Markings at www.videotec.com.

EXHC EXHC THERMAL



EXPLOSION-PROOF
CAMERA HOUSINGS

EXHC

EXHC THERMAL

MECHANICAL		
Material	Non-corrosive die-cast aluminium (anticorodal)	Non-corrosive aluminium (anticorodal)
Housing's window	Extra clear glass	Germanium with protection grid
Internal usable area	100x100x280mm (3.9x3.9x11in)	100x100x280mm (3.9x3.9x11in)
Glass cleaning device	-	-
Cable entry	2 holes 3/4" NPT for cable entry	2 holes 3/4" NPT for cable entry
ELECTRICAL		
Supply voltage/current consumption	230Vac, 0.3A, 50/60Hz 24Vac, 2.5A, 50/60Hz	230Vac, 0.3A, 50/60Hz 24Vac, 2.5A, 50/60Hz
Power consumption	Installable camera: 20W	Installable camera: 20W
ENVIRONMENT		
Certification temperature	From -40°C (-40°F) up to +50°C (122°F)	From -40°C (-40°F) up to +50°C (122°F)
IP protection degree	IP66	IP66

EXHC - CERTIFICATIONS AND MARKINGS

Part number	Certification	Marking	Ambient temperature	Cable input temperature
EXHC003R EXHC203R	ATEX	Ⓜ II 2 G Ex db IIC T6 Gb Ⓜ II 2 D Ex tb IIIC T85°C Db	-40°C ≤ Ta ≤ +50°C	+80°C
	IECEX	Ex db IIC T6 Gb Ex tb IIIC T85°C Db		
	EAC Ex (pending)	1Ex d IIC T6 Gb X Ex tb IIIC T85°C Db X		
	UK EX	Ⓜ II 2 G Ex db IIC T6 Gb Ⓜ II 2 D Ex tb IIIC T85°C Db		







All updates on Certifications and Markings at www.videotec.com.

EXHC THERMAL - CERTIFICATIONS AND MARKINGS

Part number	Certification	Marking	Ambient temperature	Cable input temperature
EXHC003G	ATEX	Ⓜ II 2 G Ex db IIC T6 Gb Ⓜ II 2 D Ex tb IIIC T85°C Db	-40°C ≤ Ta ≤ +50°C	+80°C
	IECEX	Ex db IIC T6 Gb Ex tb IIIC T85°C Db		
	EAC Ex (pending)	1Ex d IIC T6 Gb X Ex tb IIIC T85°C Db X		
	UK EX	Ⓜ II 2 G Ex db IIC T6 Gb Ⓜ II 2 D Ex tb IIIC T85°C Db		

All updates on Certifications and Markings at www.videotec.com.

ACCESSORIES FOR EXPLOSION-PROOF PRODUCTS

	MAXIMUS MPX - SERIESZ	MAXIMUS MPXR - SERIESZ	MAXIMUS MPXT - SERIESZ	MAXIMUS MPXL - SERIESZ	MAXIMUS MVX	MAXIMUS MVXT	MAXIMUS MMX	MAXIMUS MHX	MAXIMUS MHXT	EXHC	EXHC THERMAL
 <p>MPX2CABL-MPX2CABLARM MULTIPOLAR CABLES FOR EXPLOSION-PROOF PAN & TILT</p> <ul style="list-style-type: none"> Pre-cabled for Ethernet, video, I/O and telemetry connections Equipped with barrier cable gland Resistant to oil, flames and ultra-violet rays Available in an armoured and unarmoured version Designed for potentially explosive zones Available in 2 lengths, standard or customised length 	✓	✓	✓	✓	-	-	-	-	-	-	-
 <p>CMS-CMA ARMOURED AND UNARMOURED MULTIPOLAR CABLES</p> <ul style="list-style-type: none"> Prepared for Ethernet, video, I/O and telemetry connections Resistant to oil, flames and ultra-violet rays Designed for potentially explosive zones 	-	-	-	-	✓	✓	✓	✓	✓	✓	-
 <p>WASEX WASHER PUMP WITH EX-PROOF SOLENOID VALVE</p> <ul style="list-style-type: none"> Delivery head: up to 20m (66ft) Water tank capacity: 10l (2.6gal) Power supply: 24Vac or 24Vdc Consumption: 5W 	✓	-	✓	✓	✓	-	-	✓	-	-	-
 <p>MAXIMUS MBX EXPLOSION-PROOF COMMUNICATION BOX IN STAINLESS STEEL</p> <ul style="list-style-type: none"> Certifications for use in Zones 1 and 2 IIC Group (Gas) and in Zones 21 and 22 IIIC Group (Dust) Embedded Ethernet switch with four channels 2 bypass for analog video signals with BNC connectors 2 bypass for I/O signals with multi-pin connectors Input voltages available: 230Vac, 120Vac, 24Vac MAXIMUS MBX exclusively supports Videotec products from the Maximus range with 24Vac and WaseX with 24Vac 	✓	✓	✓	✓	✓	✓	✓	-	-	-	-
 <p>MAXIMUS MBA EXPLOSION-PROOF COMMUNICATION BOX IN ALUMINIUM</p> <ul style="list-style-type: none"> Certifications for use in Zones 1 and 2, IIC T5 or T6 Group (Gas) and in Zones 21 and 22, IIIC T100°C or T85°C Group (Dust) Embedded Ethernet switch with four channels 2 bypass for analog video signals with BNC connectors 2 bypass for I/O signals with multi-pin connectors Input voltages available: 230Vac, 120Vac, 24Vac MAXIMUS MBA exclusively supports Videotec products from the Maximus range with 24Vac and WaseX with 24Vac 	✓	✓	✓	✓	✓	✓	✓	-	-	-	-
 <p>FM1010 EMC FILTER FOR MARINE CERTIFICATION</p> <ul style="list-style-type: none"> The filter must be connected to the power line of the equipment The filter is not explosion-proof certified Implement adequate protection if used in potentially explosive classified environments (e.g. ATEX) Electrical data: from 0 up to 250V DC/AC 50/60 Hz, 6A 	✓	✓	✓	✓	✓	✓	✓	-	-	-	-



STAINLESS STEEL PRODUCTS



NXPTZ SERIES2

STAINLESS STEEL PTZ CAMERAS



ONVIF® | QST



The **NXPTZ SERIES2** PTZs are resistant to rust and corrosion and do not require maintenance thanks to the absolute precision of the construction process and the solid AISI 316L stainless steel construction with electropolished surfaces.

The SERIES2 cameras have the possibility of easily connecting the PTZ using fiber optic thanks to the slot of the SFP module installed directly at the bottom of the unit.

There are numerous accessories available such as a washing system and wall, parapet, corner and pole supports.

As well as this, the compact design means it can be installed in the tightest spaces, while the unit's reduced weight makes assembly simple.

The NXPTZ SERIES2 video camera with **Videotec Analytics** integrates robust algorithms for accurate detection with PTZ and precise, fluid auto-tracking even in the harshest climate conditions, ensuring that the operator has complete situational awareness at all times.



IP66	IP67	IP68
IP69	TYPE4X	IP

NXPTZ SERIES2

STAINLESS STEEL PTZ CAMERAS



NXPTZ SERIES2

NXPTZR SERIES2

NXPTZT SERIES2

CAMERA	SONY FCB-EV7520	DELUX TECHNOLOGY		
Type of camera	Day/Night camera	Day/Night camera	Thermal camera	Thermal camera + Day/Night camera
Radiometric analysis	-	-	✓	✓
Image electronic stabilizer	✓	-	-	✓
Resolution	Full HD (1920x1080)	Full HD (1920x1080)	720x480 (interpolated resolution)	Thermal camera: 720x480 (interpolated resolution) Day/Night: Full HD (1920x1080)
Minimum illumination	Colour: 0.0013lx (50 IRE, High sensitivity on) B/W: 0.0008lx (30 IRE, High sensitivity on)	Colour: 0.006lx (F1.6, 30 IRE) B/W: 0.0006lx (F1.6, 30 IRE)	-	Day/Night: Colour: 0.0013lx (50 IRE, High sensitivity on) B/W: 0.0008lx (30 IRE, High sensitivity on)
Zoom	30x (360x with digital zoom)	30x (480x with digital zoom)	2x, 4x (336x256), digital zoom 2x, 4x, 8x (640x512), digital zoom	Thermal camera: 2x, 4x (336x256), digital zoom, 2x, 4x, 8x (640x512), digital zoom Day/Night: 30x (360x with digital zoom)
Lens	f= from 4.3mm (wide) up to 129mm (tele), from F1.6 up to F14	f= from 4.5mm (wide) up to 135mm (tele), from F1.6 up to F9.6	9mm, 13mm, 19mm, 25mm, 35mm	Thermal camera: 9mm, 13mm, 19mm, 25mm, 35mm, 50mm Day/Night: f= from 4.3mm (wide) up to 129mm (tele), from F1.6 up to F14
Privacy zones masking	✓ (dynamic masking)	✓	-	✓ (dynamic masking)
MECHANICAL				
Material	AISI 316L stainless steel construction	AISI 316L stainless steel construction	AISI 316L stainless steel construction	AISI 316L stainless steel construction
Cable	Pre-wired multipolar cable	Pre-wired multipolar cable	Pre-wired multipolar cable	Pre-wired multipolar cable
Horizontal rotation	360°, continuous rotation	360°, continuous rotation	360°, continuous rotation	360°, continuous rotation
Vertical rotation	From -90° up to +90°	From -90° up to +90°	From -90° up to +90°	From -90° up to +90°
Horizontal speed (variable)	From 0.1°/s up to 100°/s	From 0.1°/s up to 100°/s	From 0.1°/s up to 100°/s	From 0.1°/s up to 100°/s
Tilt speed (variable)	From 0.1°/s up to 100°/s	From 0.1°/s up to 100°/s	From 0.1°/s up to 100°/s	From 0.1°/s up to 100°/s
Position accuracy	0.02°	0.02°	0.02°	0.02°
ELECTRICAL				
Supply voltage/Current consumption	230Vac, 0.5A, 50/60Hz 120Vac, 1A, 50/60Hz 24Vac, 5A, 50/60Hz	230Vac, 0.5A, 50/60Hz 120Vac, 1A, 50/60Hz 24Vac, 5A, 50/60Hz	230Vac, 0.5A, 50/60Hz, 120Vac, 1A, 50/60Hz 24Vac, 5A, 50/60Hz	230Vac, 0.5A, 50/60Hz, 120Vac, 1A, 50/60Hz 24Vac, 5A, 50/60Hz
Power consumption	120W max	120W max	120W max	120W max
Optical fiber	Slot SFP	Slot SFP	Slot SFP	Slot SFP
SOFTWARE				
Communication protocol	ONVIF, Profile Q, Profile S and Profile T	ONVIF, Profile Q, Profile S and Profile T	ONVIF, Profile Q, Profile S and Profile T	ONVIF, Profile Q, Profile S and Profile T
Video compression	H.264/AVC, MJPEG, MPEG4, snapshot JPEG	H.264/AVC, MJPEG, MPEG4, snapshot JPEG	H.264/AVC, MJPEG, MPEG4, snapshot JPEG	H.264/AVC, MJPEG, MPEG4, snapshot JPEG
Video analytics	optional	optional	-	-
Cybersecurity	✓	✓	✓	✓
ENVIRONMENT				
Operating temperature	From -40°C (-40°F) up to +65°C (149°F)	From -40°C (-40°F) up to +65°C (149°F)	From -40°C (-40°F) up to +65°C (149°F)	From -40°C (-40°F) up to +65°C (149°F)
Relative humidity	From 5% up to 95%	From 5% up to 95%	From 5% up to 95%	From 5% up to 95%
Marine Certification	Lloyd's Register Marine Type Approval (the 24Vac and 120Vac versions require a filter accessory FM1010)	Lloyd's Register Marine Type Approval (the 24Vac and 120Vac versions require a filter accessory FM1010)	Lloyd's Register Marine Type Approval (the 24Vac and 120Vac versions require a filter accessory FM1010)	Lloyd's Register Marine Type Approval (the 24Vac and 120Vac versions require a filter accessory FM1010)

NXPTZ SERIES2



NXPTZ SERIES2 - CONFIGURATION OPTIONS

	Voltage		Camera			Options		Revision	
NXPTZHD	1	230Vac	1	Super Low-Light Day/Night 30X zoom, Full HD camera	VW0Z0	0	Without integrated video analytics (without VIDEOTEC ANALYTICS)	C	Complies with ONVIF, Profile Q, Profile S and Profile T
	2	24Vac	2	SONY FCB-EV7520 camera, FULL HD 1080p, 30x		V	With integrated video analytics (VIDEOTEC ANALYTICS)	J	Complies with ONVIF, Profile S and Profile T
	3	120Vac							

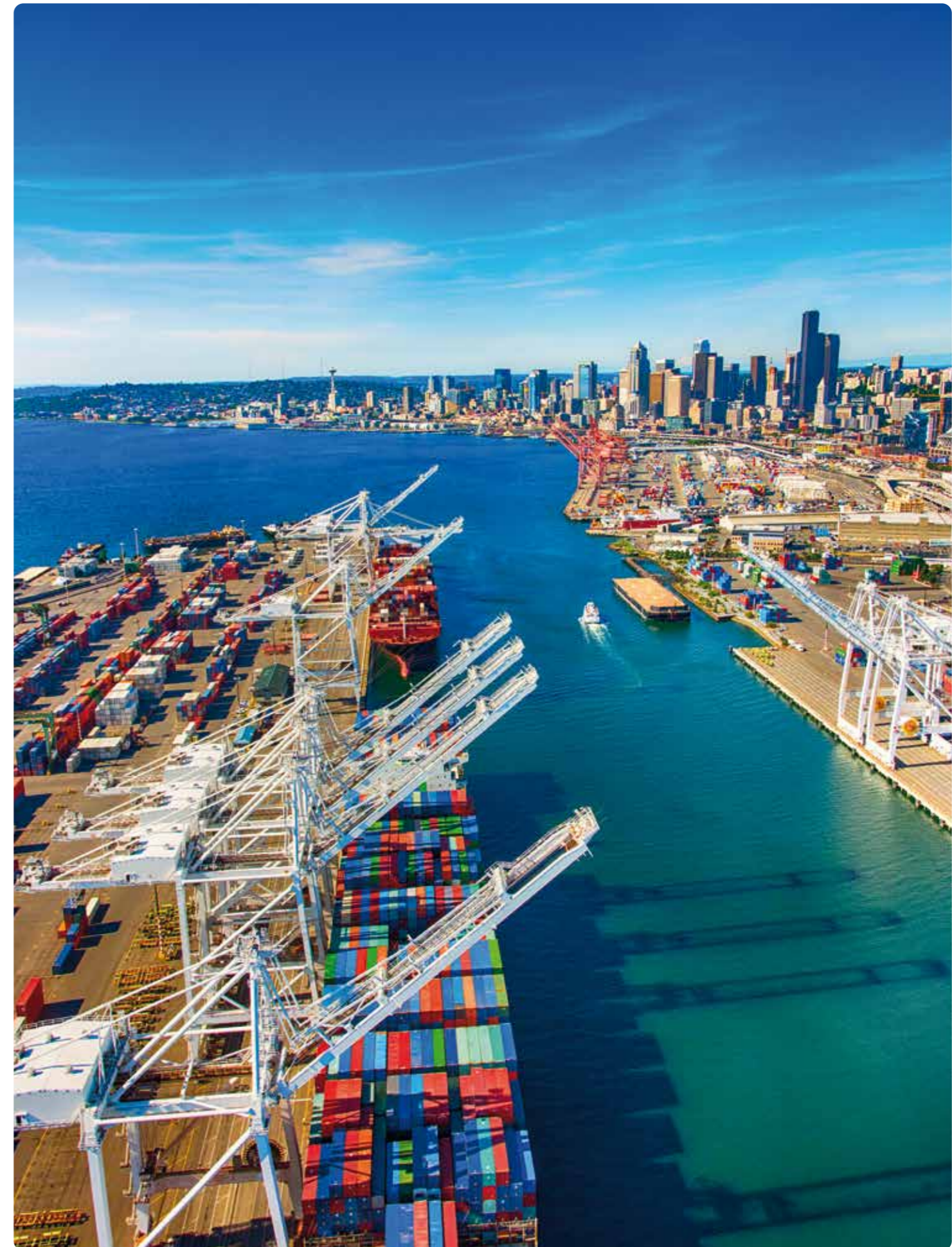
NXPTZR SERIES2 - CONFIGURATION OPTIONS

	Voltage		Thermal Camera		Options			Revision		Frequency
NXPTZR	1	230Vac	Y	Thermal camera 50mm, 336x256	0	Thermal camera with radiometric functions	0Z00	C	Complies with ONVIF, Profile Q, Profile S and Profile T	- 7.5Hz
	2	24Vac	A	Thermal camera 35mm, 336x256	R	Thermal camera with advanced radiometric functions		J	Complies with ONVIF, Profile S and Profile T	H 30Hz
	3	120Vac	B	Thermal camera 25mm, 336x256						
			V	Thermal camera 19mm, 336x256						
			F	Thermal camera 13mm, 336x256						
			C	Thermal camera 9mm, 336x256						
			W	Thermal camera 50mm, 640x512						
			D	Thermal camera 35mm, 640x512						
			E	Thermal camera 25mm, 640x512						
			U	Thermal camera 19mm, 640x512						
			G	Thermal camera 13mm, 640x512						
		H	Thermal camera 9mm, 640x512							

NXPTZT SERIES2 - CONFIGURATION OPTIONS

	Voltage		Day/Night Camera		Thermal Camera		Options			Revision		Frequency
NXPTZT	1	230Vac	2	SONY FCB-EV7520 camera, FULL HD 1080p, 30x	Y	Thermal camera 50mm, 336x256	W	Thermal camera with radiometric functions	0Z00	C	Complies with ONVIF, Profile Q, Profile S and Profile T	- 7.5Hz
	2	24Vac			A	Thermal camera 35mm, 336x256	R	Thermal camera with advanced radiometric functions		J	Complies with ONVIF, Profile S and Profile T	H 30Hz
	3	120Vac			B	Thermal camera 25mm, 336x256						
					V	Thermal camera 19mm, 336x256						
					F	Thermal camera 13mm, 336x256						
					C	Thermal camera 9mm, 336x256						
					W	Thermal camera 50mm, 640x512						
					D	Thermal camera 35mm, 640x512						
					E	Thermal camera 25mm, 640x512						
					U	Thermal camera 19mm, 640x512						
					G	Thermal camera 13mm, 640x512						
				H	Thermal camera 9mm, 640x512							

For a quick breakdown of all available codes, you can also use our PTZ CONFIGURATOR at www.videotec.com.





The **NVX** and **NTX** cameras have advanced anti-corrosion properties and feature a compact and lightweight design, which facilitates their installation and maintenance, also thanks to the quick connectors.

They are ideal for applications in marine and industrial environments, the rail and transport sector and motorway tunnels.

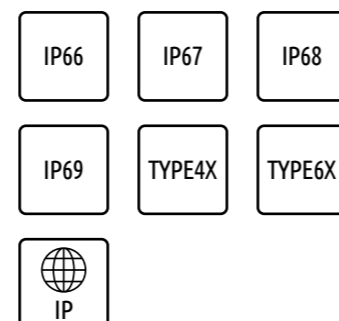
These cameras have exceptional corrosion resistance, ample temperature range and protection degree of IP66/IP67/IP68/IP69.

The **NVX** is available with an integrated super low-light camera with 30x motorised zoom, with **DELUX** video encoding technology. Alternatively, the model with the **SONY FCB-EV7520** camera offers an electronic image stabiliser, advanced HLC technology and dynamic masking of privacy zones.

Models are available with integrated video analysis.

The NVX camera can have an integrated wiper or a polycarbonate window for applications in the food industry.

The **NTX** is a thermal camera with radiometric functions allowing the detection of the temperature and setting of an alarm based on temperature thresholds.



**NVX
NTX**

STAINLESS STEEL
CAMERAS



NVX



NTX

CAMERA	SONY FCB-EV7520	DELUX TECHNOLOGY	
Type of camera	Day/Night camera	Day/Night camera	Thermal camera
Radiometric analysis	-	-	✓
Image electronic stabilizer	✓	-	-
Resolution	Full HD (1920x1080)	Full HD (1920x1080)	720x480 (interpolated resolution)
Minimum illumination	Colour: 0.0013lx (50 IRE, High sensitivity on) B/W: 0.0008lx (30 IRE, High sensitivity on)	Colour: 0.006lx (F1.6, 30 IRE) B/W: 0.0006lx (F1.6, 30 IRE)	-
Zoom	30x (360x with digital zoom)	30x (480x with digital zoom)	2x, 4x (336x256) 2x, 4x, 8x (640x512)
Lens	f= from 4.3mm (wide) up to 129mm (tele), from F1.6 up to F14	f= from 4.5mm (wide) up to 135mm (tele), from F1.6 up to F9.6	9mm, 13mm, 19mm, 25mm, 35mm
Privacy zones masking	✓ (dynamic masking)	✓	-
MECHANICAL			
Material	AISI 316L stainless steel construction	AISI 316L stainless steel construction	AISI 316L stainless steel construction
Unit weight	4.9kg (10.8lb) (fastening support included)	4.9kg (10.8lb) (fastening support included)	4.9kg (10.8lb) (fastening support included)
Windows for camera	Glass or polycarbonate	Glass or polycarbonate	Germanium window for thermal camera
Possibility of installing LED illuminators	✓	✓	-
Glass cleaning device	Integrated wiper (only for versions with glass window)	Integrated wiper (only for versions with glass window)	-
ELECTRICAL			
Supply voltage/Current consumption (version without board for video analysis)	24Vac, 1.32A, 50/60Hz 24Vdc, 0.9A PoE+ (IEEE 802-3at)	24Vac, 1.32A, 50/60Hz 24Vdc, 0.9A PoE+ (IEEE 802-3at)	24Vac, 1.32A, 50/60Hz 24Vdc, 0.9A PoE+ (IEEE 802-3at)
Supply voltage/Current consumption (version with board for video analysis)	24Vac, 1.8A, 50/60Hz 24Vdc, 1.1A	24Vac, 1.8A, 50/60Hz 24Vdc, 1.1A	24Vac, 1.8A, 50/60Hz 24Vdc, 1.1A
Power consumption	21W max (version without board for video analysis) 25W max (version with board for video analysis)	21W max (version without board for video analysis) 25W max (version with board for video analysis)	21W max 25W max
SOFTWARE			
Communication protocol	ONVIF, Profile Q, Profile S and Profile T	ONVIF, Profile Q, Profile S and Profile T	ONVIF, Profile Q, Profile S and Profile T, ONVIF Thermal Service
Video compression	H.264/AVC, MJPEG, MPEG4, snapshot JPEG	H.264/AVC, MJPEG, MPEG4, snapshot JPEG	H.264/AVC, MJPEG, MPEG4, snapshot JPEG
Cybersecurity	✓	✓	✓
Video analytics	optional	optional	-
ENVIRONMENT			
Operating temperature	From -40°C (-40°F) up to +65°C (149°F) (continuous working)	From -40°C (-40°F) up to +65°C (149°F) (continuous working)	From -40°C (-40°F) up to +65°C (149°F) (continuous working)
Compliance to railway applications	✓	✓	✓
Relative humidity	From 5% up to 95%	From 5% up to 95%	From 5% up to 95%
Marine Certification	Lloyd's Register Marine Type Approval	Lloyd's Register Marine Type Approval	Lloyd's Register Marine Type Approval

NXM36 / NXM36 HI-POE NTM36 NXW / NTW NXPTH

STAINLESS STEEL
CAMERA HOUSINGS
AND P&T MOTOR



The **NX housings** guarantee the perfect working of the cameras in extreme and corrosive environmental conditions. They are ideal for high atmospheric pollution areas, submarine monitoring systems, control of industrial processes, blast furnaces and foundries, and motorway tunnels monitoring.

These housings offer reliability and strength thanks to the maximum precision used in the manufacturing processes and the quality of the stainless steel AISI 316L, fully resistant to rust and corrosion.

The line includes different models to meet every application need. The liquid-cooled model is resistant to very high temperatures. Other versions are suitable for water immersion, and others have air barriers for cleaning or cooling the front glass.

Models are available for Hi-PoE cameras with power supply via Ethernet cable.

NXPTH Pan & Tilt, together with the stainless steel housing, was built to withstand the most severe and corrosive environmental conditions such as offshore, marine environments and industrial applications.

Each detail has been carefully analysed, resulting a reliable product suitable for highly corrosive environments. The accurate mechanical construction and reliable motors utilized reduce the need of maintenance even in situations of heavy mechanical stress.

The NXPTH allows a maximum horizontal/vertical rotation of 340° and is equipped with potentiometers which allow use of the preset function.

- IP66
- IP67
- IP68
- IP69

NXM36 NXM36 HI-POE NTM36

STAINLESS STEEL
CAMERA HOUSINGS



NXM36

NXM36 HI-POE

NTM36

MECHANICAL

	NXM36	NXM36 HI-POE	NTM36
Material	AISI 316L stainless steel construction	AISI 316L stainless steel construction	AISI 316L stainless steel construction
Housing's window	Tempered extra clear glass	Tempered extra clear glass	Germanium for thermal cameras
Internal usable area	88x86x334mm (3.5x3.4x13.1in) (without accessories)	88x86x210mm (3.5x3.4x8.3in) (with heater)	88x86x334mm (3.5x3.4x13.1in) (without accessories)
Cable glands	2xPG13.5 (nickel-plated brass for external connections)	2xPG13.5 (nickel-plated brass for external connections)	2xPG13.5 (nickel-plated brass for external connections)
Glass cleaning device	Wiper (accessory)	Wiper (accessory)	-

ELECTRICAL

Supply voltage/Current consumption	230Vac, 0.18A, 50/60Hz 120Vac, 0.35A, 50/60Hz 24Vac, 0.85A, 50/60Hz 12Vdc, 1.6A	PoE/Hi-PoE power supply (IEEE 802.3af, IEEE 802.3at)	230Vac, 0.18A, 50/60Hz 120Vac, 0.35A, 50/60Hz 24Vac, 0.85A, 50/60Hz 12Vdc, 1.6A
Power consumption	Heater: 20W (12Vdc/24Vac), 40W (120Vac/230Vac), 80W (double heater, 120Vac/230Vac)	PoE input Class 3: 13W Hi-PoE input Class 4: 25W	Heater: 20W (12Vdc/24Vac) 40W (120Vac/230Vac)

ENVIRONMENT

Operating temperature	Version with heater: from -20°C (-4°F) up to +60°C (140°F) Version with double heater: from -40°C (-40°F) up to +60°C (140°F)	With wide range cameras, in Hi-PoE version: from -20°C (-4°F) up to +60°C (140°F)	Version with heater: from -20°C (-4°F) up to +60°C (140°F)
Relative humidity	From 5% up to 95%	From 5% up to 95%	From 5% up to 95%
IP protection degree	IP66, IP67, IP68, IP69	IP66, IP67, IP68, IP69	IP66, IP67, IP68, IP69



The Videotec Wiper/Washer system is an important piece of equipment for effective video surveillance because it improves the visibility of the camera even in the dusty environments, while reducing the need for maintenance.

NXW NTW

STAINLESS STEEL
CAMERA HOUSINGS



NXW



NTW

MECHANICAL		
Material	AISI 316L stainless steel construction	AISI 316L stainless steel construction
Housing's window	Tempered extra clear glass (accessory) Quartz glass (accessory) IR-proof glass (accessory)	Zinc Selenide (ZnSe) Sapphire
Internal usable area	78x78x345mm (3.1x 3.1x13.6in)	78x78x345mm (3.1x 3.1x13.6in)
Cable glands	2xPG13.5 (nickel-plated brass for external connections)	2xPG13.5 (nickel-plated brass for external connections)
Glass cleaning device	Air barrier	Air barrier
ELECTRICAL		
Supply voltage/Current consumption	Camera power supply: IN 230Vac - OUT 12Vdc, 50/60Hz, 400mA IN 230Vac - OUT 24Vac, 50Hz, 400mA	Camera power supply: IN 230Vac - OUT 12Vdc, 50/60Hz, 400mA IN 230Vac - OUT 24Vac, 50Hz, 400mA
ENVIRONMENT		
Operating temperature	Cooling liquid: 260°C (500°F) max (window with extra clear tempered glass) 260°C (500°F) max (window with IR-proof glass) 400°C (752°F) max (window with quartz glass)	Cooling liquid: 200°C (392°F) max (zinc Selenide glass) 400°C (752°F) max (window in sapphire)
Relative humidity	From 5% up to 95%	From 5% up to 95%
IP protection degree	IP66, IP67	IP66, IP67



The solid stainless steel construction of NXW housing, supplied with an air barrier, makes it suitable for industrial installations with high-temperatures in corrosive environments, such as the surveillance of ovens, foundries and other high-temperature environments.

NXPTH








STAINLESS STEEL
P&T MOTOR













NXPTH







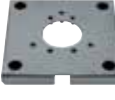



Made of AISI 316L electropolished stainless steel
IP66/IP67
Horizontal fixed speed 5°/s, vertical fixed speed 3°/s
Max. load 40kg (88lb) balanced
Preset function
230Vac, 50/60Hz






ACCESSORIES FOR STAINLESS STEEL PRODUCT

	NXPTZ SERIES2	NXPTZR SERIES2	NXPTZT SERIES2	NVX	NTX	NXM36	NXM36 HI-POE	NTM36	NXW	NTW	NXPTH
 <p>COMB COMMUNICATION BOX IN POLYCARBONATE</p> <ul style="list-style-type: none"> Designed to work exclusively with Videotec products and accessories 1 SFP port, MSA compliant, Fast Ethernet (100BASE-FX), for fiber optic connection (splice tray included in the product) 3 RJ45 ports, Fast Ethernet (10BASE-T/100BASE-T) 	√	√	√	√	√	-	-	-	-	-	-
 <p>WAS-WASPT WASHER PUMP AND 5 OR 23 LITER TANK</p> <ul style="list-style-type: none"> Polyethylene tank with stainless steel cage Delivery head: 5m (16ft), 11m (36ft) or 30m (98ft) Versions with alarm for the lack of liquid in the tank Operating temperature: from -10°C (14°F) up to +60°C (140°F) Available voltages: 230Vac, 120Vac, 24Vac 	√	-	√	√	-	√	√	-	-	-	-
 <p>WASNX WASHER PUMP WITH SOLENOID VALVE FOR STAINLESS STEEL PRODUCTS</p> <ul style="list-style-type: none"> Enclosure made of stainless steel AISI 316L Delivery head: up to 20m (66ft) Water tank capacity: 10l (2.6gal) Suitable for Videotec products or with third-party products Operating temperature: from -20°C (-4°F) up to +60°C (140°F) Available voltages: 230Vac, 120Vac, 24Vac 	√	-	√	√	-	√	√	-	-	-	-
 <p>FM1010 EMC FILTER FOR MARINE CERTIFICATION</p> <ul style="list-style-type: none"> The filter must be connected to the power line of the equipment The filter is not explosion-proof certified Implement adequate protection if used in potentially explosive classified environments (e.g. Atex) Electrical data: from 0 up to 250V DC/AC 50/60 Hz, 6A 	√	√	√	-	-	-	-	-	-	-	-
 <p>NXPTZSFP ADAPTOR FOR FIBER OPTICS CONNECTION FOR NXPTZ SERIES2</p> <ul style="list-style-type: none"> In stainless steel AISI 316L 	√	√	√	-	-	-	-	-	-	-	-
 <p>NVXTUB DUST PROTECTION FRONTAL SHIELD</p> <ul style="list-style-type: none"> Made of electro-polished stainless steel AISI 316L Dimensions (ØxL): 175x121.5mm (6.9x4.8in) 	-	-	-	√	√	-	-	-	-	-	-
 <p>NVXIRBKT ILLUMINATOR FASTENING SUPPORT (GEKO IRH)</p> <ul style="list-style-type: none"> Made of electro-polished stainless steel AISI 316L Dimensions (HxL): 56.9x103.4mm (2.2x4in) 	-	-	-	√	-	-	-	-	-	-	-

	NXPTZ SERIES2	NXPTZR SERIES2	NXPTZT SERIES2	NVX	NTX	NXM36	NXM36 HI-POE	NTM36	NXW	NTW	NXPTH
 <p>ONXAB1025B AIR BARRIER</p> <ul style="list-style-type: none"> Made of AISI 316L electropolished stainless steel Air barrier with IR-proof glass 	-	-	-	-	-	-	-	-	√	-	-
 <p>ONXAB2 AIR BARRIER</p> <ul style="list-style-type: none"> Made of AISI 316L electropolished stainless steel Air barrier with tempered window glass 	-	-	-	-	-	-	-	-	√	-	-
 <p>ONXMAIRB AIR BARRIER</p> <ul style="list-style-type: none"> Air barrier with tempered glass included for NXM36 	-	-	-	-	-	√	√	-	-	-	-
 <p>ONXMAIRBIR AIR BARRIER</p> <ul style="list-style-type: none"> Air barrier with IR-proof glass included for NXM36 	-	-	-	-	-	√	√	-	-	-	-
 <p>NXFIGRU2 AIR FILTERING GROUP</p> <ul style="list-style-type: none"> To combine with the air barrier ONXAB2 and ONXAB1025B to filter compressed air of oil and water impurities generally coming from the compressor Filtering of particles with diameter higher than 0.1µm 	-	-	-	-	-	-	-	-	√	√	-
 <p>VIPNX WIPER FOR HOUSING</p> <ul style="list-style-type: none"> Made of AISI 316L electropolished stainless steel IP66/IP67 Different voltages available, 230Vac or 24Vac, both 50/60Hz Connector 3+1 poles, easy wiring harness Marine Certification: Lloyd's Register Marine Type Approval 	-	-	-	-	-	√	√	-	-	-	-
 <p>ONXWTG TEMPERED EXTRA CLEAR GLASS</p> <ul style="list-style-type: none"> The model with tempered glass has been designed to endure in installations where the surrounding air is of a high temperature (260°C (500°F) max) 	-	-	-	-	-	-	-	-	√	-	-
 <p>ONXWQG QUARTZ GLASS</p> <ul style="list-style-type: none"> The model with quartz glass has been designed to endure in installations where the surrounding air is of an extremely high temperature. (400°C (752°F) max) 	-	-	-	-	-	-	-	-	√	-	-
 <p>POWER SUPPLY CAMERA POWER SUPPLY</p> <ul style="list-style-type: none"> Can be installed inside the housing Available in different versions, 120/230Vac input and 24Vac/12Vdc output. 	-	-	-	-	-	√	-	√	√	√	-
 <p>HEATER</p> <ul style="list-style-type: none"> Thermostatically controlled heating element PTC 20W or 40W (Ton ≤ 15°C(59°F); Toff ≥ 22°C(72°F)) Available versions: 12Vdc/24Vac or 120Vac/230Vac 	-	-	-	-	-	√	-	√	-	-	-

BRACKETS FOR STAINLESS STEEL PRODUCT

	NXPTZ SERIES2	NXPTZR SERIES2	NXPTZT SERIES2	NVX	NTX	NXM36	NXM36 HI-POE	NTM36	NXW	NTW	NXPTH
 <p>NXPTZWB WALL MOUNT BRACKET</p> <ul style="list-style-type: none"> Made of AISI 316L electropolished stainless steel Load rating: 40kg (88lb) Length: 400mm (15.7in) Can be coupled with modular components (NXPTZCW, NXPTZCOL) 	√	√	√	-	-	-	-	-	-	-	-
 <p>NXPTZCOL POLE MOUNT ADAPTOR</p> <ul style="list-style-type: none"> AISI 316L electropolished stainless steel For pole diameters: from 110mm (4.3in) up to 150mm (5.9in) Load rating: 50kg (110lb) Dimensions: 198x182mm (7.8x7.2in) 	√	√	√	-	-	-	-	-	-	-	-
 <p>NXPTZCW CORNER MOUNT ADAPTOR</p> <ul style="list-style-type: none"> Load rating: 50kg (110lb) Dimensions: 335x186mm (13.2x7.3in) 	√	√	√	-	-	-	-	-	-	-	-
 <p>NXPTZTW PARAPET OR CEILING MOUNTING BRACKET</p> <ul style="list-style-type: none"> AISI 316L electropolished stainless steel Load rating: 40kg (88lb) Dimensions: Ø 238mm (9.4in) 	√	√	√	-	-	-	-	-	-	-	-
 <p>UEAP POLE MOUNT ADAPTOR</p> <ul style="list-style-type: none"> AISI 316L electropolished stainless steel For pole diameters: from 60mm (2.36in) up to 200mm (7.9in) Dimensions: 121x85mm (4.7x3.3in) 	-	-	-	√	√	-	-	-	-	-	-
 <p>UEAC CORNER MOUNT ADAPTOR</p> <ul style="list-style-type: none"> AISI 316L electropolished stainless steel Dimensions: 120x220mm (4.7x8.7in) 	-	-	-	√	√	-	-	-	-	-	-
 <p>UEAW COUNTER-PLATE</p> <ul style="list-style-type: none"> AISI 316L electropolished stainless steel Dimensions: 200x200mm (7.9x7.9in) 	-	-	-	√	√	-	-	-	-	-	-
 <p>NXWBS1 WALL MOUNT BRACKET</p> <ul style="list-style-type: none"> Made of AISI 316L electropolished stainless steel Load rating: 45kg (99lb) Dimensions: 371x186mm (14.6x7.3in) Suitable for: NXCOL, NXCW 	-	-	-	-	-	√	√	√	√	√	-
 <p>NXCOL POLE MOUNT ADAPTOR</p> <ul style="list-style-type: none"> Made of AISI 316L electropolished stainless steel For pole diameters: from 110mm (4.3in) up to 150mm (5.9in) Load rating: 50kg (110lb) Dimensions: 180x196mm (7.0x7.7in) 	-	-	-	-	-	√	√	√	√	√	√
 <p>NXCW CORNER MOUNT ADAPTOR</p> <ul style="list-style-type: none"> Made of AISI 316L electropolished stainless steel Load rating: 50kg (110lb) Dimensions: 180x291mm (7x11.5in) 	-	-	-	-	-	√	√	√	√	√	√

	NXPTZ SERIES2	NXPTZR SERIES2	NXPTZT SERIES2	NVX	NTX	NXM36	NXM36 HI-POE	NTM36	NXW	NTW	NXPTH
 <p>NXWTU WALL ADAPTOR MODULE</p> <ul style="list-style-type: none"> Made of AISI 316L electropolished stainless steel Load rating: 20kg (44lb) Dimensions: 168x234mm (6.6x9.2in) Suitable for: NXWBS1, WBOVA2, WBJA, WBMA 	-	-	-	-	-	√	√	√	√	√	-
 <p>MHXWBS WALL MOUNT BRACKET</p> <ul style="list-style-type: none"> Made of AISI 316L electropolished stainless steel Load rating: 40kg (88lb) Length: 425mm (16.7in) Suitable for: MPXCW, MPXCOL 	-	-	-	-	-	√	√	√	√	√	-
 <p>MHXWFWCA PARAPET MOUNTING BRACKET</p> <ul style="list-style-type: none"> Made of AISI 316L electropolished stainless steel Load rating: 40kg (88lb) Dimensions: Ø 101.6mm (4in) Suitable for: NXFWBT 	-	-	-	-	-	√	√	√	√	√	-
 <p>NXWBPTH1 PARAPET MOUNTING BRACKET</p> <ul style="list-style-type: none"> Made of AISI 316L electropolished stainless steel Load rating: 70kg (154lb) Length: 596mm (23.5in) 	-	-	-	-	-	-	-	-	-	-	√
 <p>NXFWBT EXTENSION BRACKET FOR PARAPET MOUNTING</p> <ul style="list-style-type: none"> AISI 316L electropolished stainless steel Load rating: 70kg (154lb) 	-	-	-	-	-	-	-	-	-	-	√



CONTROL KEYBOARDS & DISTRIBUTORS AND ACCESSORIES

CONTROL KEYBOARD AND VIDEO DISTRIBUTORS



- DCZ**
UNIVERSAL KEYBOARD FOR MANAGING CCTV APPLICATIONS FROM PC
- USB keyboard for managing CCTV applications, with joystick and jog shuttle
 - Functions determined by the controlled application
 - The user can easily personalize and print several pre-cut sheets supplied for this purpose
 - The keyboard can be turned round so that both right- and left-handed users can use all the functions with ease
 - HID Game Controller emulation for the use with the most important VMS (Avigilon Control Center, Ganz-VsolP, Exacq Vision, Milestone XProtect®, Genetec Omnicast 4.2, Mirasys-DVMS, Seetec ProBox, Sony-Real Shot Manager, Luxriot DVR)*

(*) Functionality may be limited depending on the VMS used.



- VD**
VIDEO DISTRIBUTORS
- Versions with 1, 4, 8 inputs and 8, 16 outputs
 - For colour or B/W video signals
 - The input signal is amplified and distributed to the available outputs
 - By means of VD816PR1 and VD48P1 versions, it is possible to select how many outputs can be associated to a video inp

COMMUNICATION BOX



- COMB**
COMMUNICATION BOX IN POLYCARBONATE
- Designed to work exclusively with Videotec products and accessories
 - 1 SFP port, MSA compliant, Fast Ethernet (100BASE-FX), for fiber optic connection (splice tray included in the product)
 - 3 RJ45 ports, Fast Ethernet (10BASE-T/100BASE-T)
 - 2 bypass for analog video signals with BNC connectors and 2 bypass for I / O signals with multi-pin connectors
 - Extended/Industrial range electronics



- MAXIMUS MBA**
EXPLOSION-PROOF COMMUNICATION BOX IN ALUMINIUM
- Embedded Ethernet switch with four channels
 - 2 bypass for analog video signals with BNC connectors
 - 2 bypass for I / O signals with multi-pin connectors
 - Input voltages available: 230Vac, 120Vac, 24Vac
 - MAXIMUS MBA exclusively supports Videotec products from the Maximus range with 24Vac and WaseX with 24Vac



All updates on Certifications and Markings at www.videotec.com



- MAXIMUS MBX**
EXPLOSION-PROOF COMMUNICATION BOX IN STAINLESS STEEL
- Certifications for use in Zones 1 and 2 IIC Group (Gas) and in Zones 21 and 22 IIIC Group (Dust)
 - Embedded Ethernet switch with four channels
 - 2 bypass for analog video signals with BNC connectors
 - 2 bypass for I / O signals with multi-pin connectors
 - Input voltages available: 230Vac, 120Vac, 24Vac
 - MAXIMUS MBX exclusively supports Videotec products from the Maximus range with 24Vac and WaseX with 24Vac



All updates on Certifications and Markings at www.videotec.com

WAS WASHING SYSTEMS



WAS-WASPT WASHER PUMP AND 5 OR 23 LITER TANK

- Polyethylene tank with stainless steel cage
- Delivery head: 5m (16ft), 11m (36ft) or 30m (98ft)
- Versions with alarm for the lack of liquid in the tank
- Operating temperature: from -10°C (14°F) up to +60°C (140°F)
- Available voltages: 230Vac, 120Vac, 24Vac



WASNX WASHER PUMP WITH SOLENOID VALVE FOR STAINLESS STEEL PRODUCTS

- Enclosure made of stainless steel AISI 316L
- Delivery head: up to 30m (98ft)
- Water tank capacity: 10l (2.6gal)
- Operating temperature from -20°C (-4°F) up to +60°C (140°F)
- Available voltages: 230Vac, 120Vac, 24Vac



WASEX WASHER PUMP WITH EXPLOSION-PROOF SOLENOID VALVE

- Delivery head: up to 30m (98ft)
- Water tank capacity: 10l (2.6gal)
- Power supply: 24Vac or 24Vdc
- Version with Pressure switch
- Unit weight: 18kg (40lb)



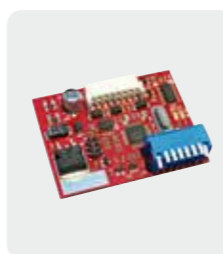
All updates on Certifications and Markings at www.videotec.com

ACCESSORIES FOR WASPT



WASCAB CABINET FOR WAS/WASPT (VERSIONS WITH 5M AND 11M HEAD PUMP)

- AISI 316L stainless steel construction
- Dimensions: 403x568x354mm (15.8x22.3x14in)
- Suitable for: NXCOL, NXCW



DTWRX TELEMETRY DATA RECEIVER FOR WIPER AND WASHER REMOTE CONTROL

- Remote control of the wiper and the washer pump in the WASPT series RS-485 communication
- Remote controllable up to 1200m (3937ft) from the control keyboard

OUTDOOR VIDEO SECURITY

LED ILLUMINATOR

NEW



MAXIMUS MLX EXPLOSION-PROOF ILLUMINATOR

- AISI 316L electropolished stainless steel
- Model with IR 850nm or white light
- Power supply: 24Vac or 24Vdc or PoE+ (IEEE 802-3at)
- Consumption: 25.5W



All updates on Certifications and Markings at www.videotec.com



GEKO IRN AND GEKO IRH LED ILLUMINATOR

- High efficiency ultimate SMD LED technology
- High efficiency heat sink body to ensure maximum LEDs durability
- Strong aluminium structure
- Supply voltage: 12Vdc, 24Vdc, 24Vac or from 100Vac up to 240Vac
- Beam patterns: 10°, 30°, 60°
- Adjustable built-in photocell
- Supplied with a wall-mount bracket
- IP66/IP67



UEI ILLUMINATOR FOR ULISSE EVO

- Wavelengths: 850nm, 940nm, white light
- Colours: RAL 9002, RAL 9005
- Wavelength: 850nm, 940nm (UEIxxx only), white light
- UEIxxx: - Wide beam: 40° (horiz.), 16° (vert.) / - Spot beam: 14° (horiz.), 14° (vert.)
- UEIxxxP: - Wide beam: 13° (horiz.), 13° (vert.) / - Spot beam: 13° (horiz.), 13° (vert.)
- Wide beam activation: based on the scene brightness, from alarm input or manually
- Spot beam activation (can be activated only when the wide beam is active): can be activated on preset, based on the zoom factor or with the wide beam
- Automatic and remote switching on
- Unit weight: 0.25kg (0.55lb)
- Power consumption: 13W

ACCESSORIES FOR GEKO IRN AND GEKO IRH



IRHPS POWER SUPPLY MODULE FOR GEKO IRH LED ILLUMINATOR

- Power supply: IN 230Vac 50/60Hz OUT 24Vac 30W or IN 120Vac 50/60Hz OUT 24Vac 30W
- IP66/IP67



OSUPPIR BRACKET FOR 1 ILLUMINATOR

- In aluminium, painted with epoxypolyester powder RAL9002
- For PUNTO, VERSO, VERSO COMPACT, HOV and HEG housings
- When installed under the PUNTO housing, this mount is compatible only in combination with WBJA or WBMA wall brackets

OUTDOOR VIDEO SECURITY

TELEMETRY



DTMRX2

TELEMETRY DATA RECEIVER, WITH 12 FUNCTIONS

- 11 standard functions for the control of P&T motors and zoom lenses, 1 function for the control of one auxiliary service (dry contact)
- Selectable communication: RS-232 and RS-485
- Aux can be used for wiper operation
- Compatible with protocol PELCO D

MULTIPOLAR CABLES



CMS-CMA

ARMOURED AND UNARMOURED MULTIPOLAR CABLES

- Prepared for Ethernet, video, I/O and telemetry connections
- Resistant to oil, flames and ultra-violet rays
- Designed for potentially explosive zones
- CMSN2200: Unarmoured black cable, available by the metre: 2 Ethernet cables, 3 power supply wires, 2 coaxial video cable, 15 wires for alarms, relays and telemetry.
- CMAN1300: Armoured black cable, available by the metre: 1 Ethernet cable, 3 power supply conductors, 1 coaxial video cable, 8 conductors for alarms and relay.
- CMAN0401: Armoured multipolar black cable, available by the metre: 1 Ethernet cable, 3 power supply wires.
- CMSN0400: Unarmoured multipolar black cable, available by the metre: 1 Ethernet cable, 3 power supply wires.

CPS-CET-CIO

POWER AND CONTROL CABLES

- Cable with power supply with 3 conductors
- Ethernet cable STP Cat. 5e
- Shielded signals cable with 7 or 8 conductors
- All cables are UL certified



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ULISSE EVO THERMAL
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ULISSE RADICAL
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ULISSE RADICAL THERMAL
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ULISSE RADICAL



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ULISSE MAXI



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HTV
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HOV CAMERA HOUSINGS



PUNTO
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PUNTO HI-POE
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PUNTO CAMERA HOUSINGS



VERSO COMPACT
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VERSO
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VERSO HI-POE IPM
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VERSO POLAR
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VERSO CAMERA HOUSINGS



HEG
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HTG
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HEG / HTG CAMERA HOUSINGS



HEB
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HGV
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HEB / HGV CAMERA HOUSINGS

EXPLOSION-PROOF PRODUCTS



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MAXIMUS MPXR SERIES2
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MAXIMUS MPX SERIES 2



MAXIMUS MVX
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MAXIMUS MVXT
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MAXIMUS MVX



MAXIMUS MMX
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MAXIMUS MMX



MAXIMUS MHX
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MAXIMUS MHXT
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MAXIMUS MHX



EXHC
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EXHC THERMAL
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EXHC

STAINLESS STEEL PRODUCTS



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NXPTZ SERIES2



NVX
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NTX
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NVX / NTX



NXM36
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NXM36 HI-POE
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NXW
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STAINLESS STEEL CAMERA HOUSINGS



STAINLESS STEEL P&T MOTOR
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STAINLESS STEEL P&T MOTOR

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CONTROL KEYBOARD
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WAS WASHING SYSTEMS



NEW

MAXIMUS MLX
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GEKO IRN AND GEKO IRH
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DTMRX2
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TELEMETRY



CMS-CMA
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CPS-CET-CIO
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MULTIPOLAR CABLES

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