



MARINE OFFSHORE & ONSHORE ENVIRONMENTS

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UIDEOTECH
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.

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.



VIDEO SECURITY FOR MARINE OFFSHORE & ONSHORE ENVIRONMENTS

Security and safety management in onshore and offshore marine environments plays a paramount role. Effective video surveillance of critical settings and sensitive processes is, in particular, of utmost importance to ensure operations run smoothly, thereby protecting lives and property.

Marine surveillance camera stations operate in one of the harshest environments in nature and equipment needs to be specifically designed in compliance with the most stringent quality specifications.

Thanks to 35 years of experience, Videotec has unsurpassed knowledge in creating video security products for any critical environment and can respond to all these changing and challenging demands, providing optimal and tailor-made video security solutions.

Today they offer the most advanced, well-researched technical features for professional systems that operate in offshore/onshore marine industries.

These devices are 100% in-house designed and manufactured, using the best quality components and state-of-the-art materials, which leaves no doubt about their exceptional robustness, reliability and unrivalled performance.

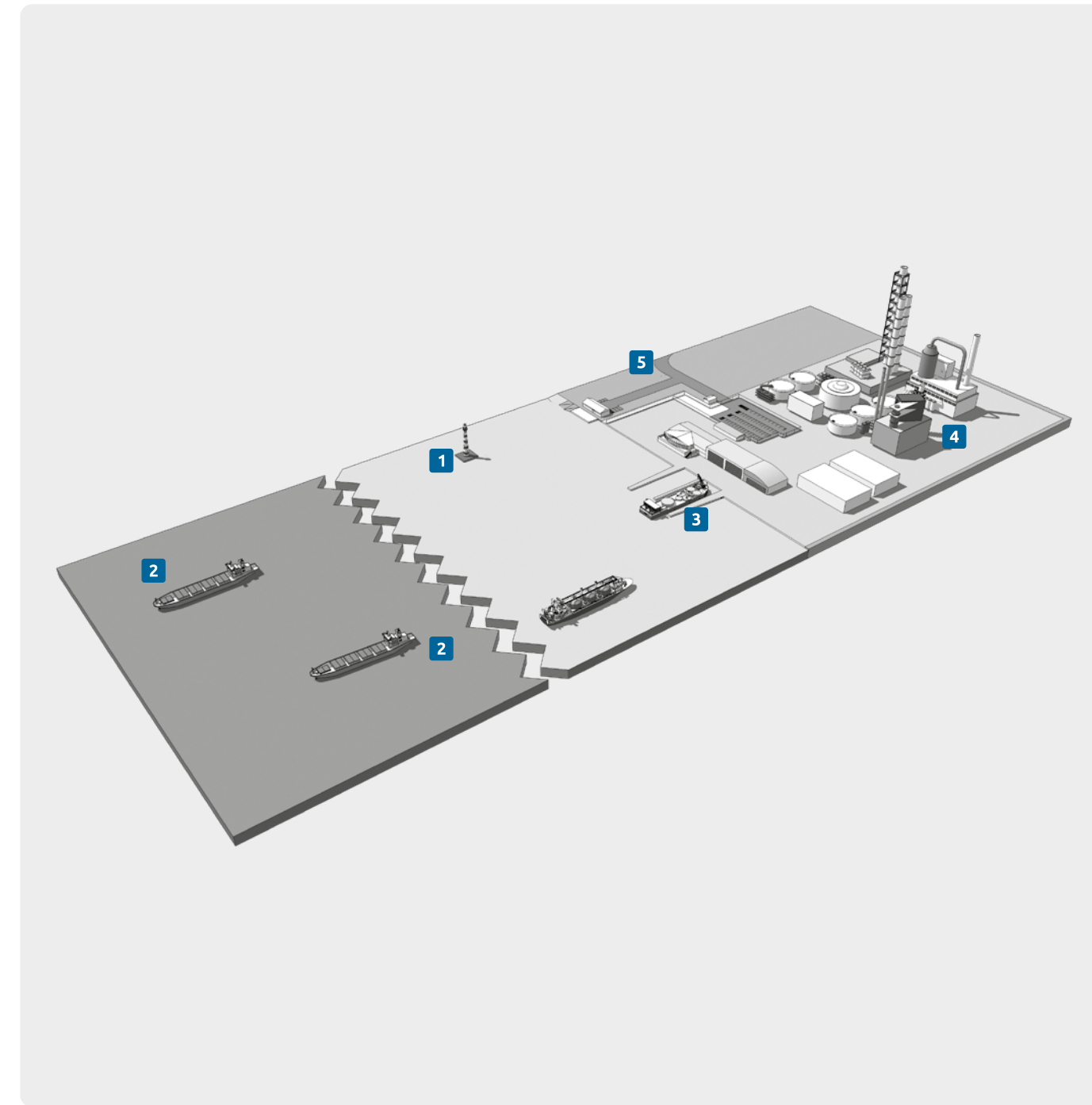


OFFSHORE

- Sea Going Vessels
- Offshore Platforms
- Lng Carrier
- Fpso Vessels
- Tanker Ships
- Cargo Ships
- Drill Ships and Rigs
- Fishing Vessels
- Dredging Ships
- Naval Vessels
- Cruise and Ferry Boats

ONSHORE

- Ports
- Harbours
- Ship Docking
- Pipelines
- Dangerous Industrial Areas
- Dangerous Industrial Processes



MARINE AREA



1. OFFSHORE



2. MARITIME NAVIGATION



3. SHIP DOCKING



4. ONSHORE INDUSTRIAL PROCESS CONTROL



5. ONSHORE PERIMETER APPLICATIONS



VIDEOTEC ANALYTICS

The video analysis technology, integrated into Videotec cameras, offers an end-to-end solution for preventative detection of intrusions in outdoor monitoring applications of critical infrastructures, industrial sites and perimeters.

Videotec Analytics is the result of more than 10 years of research and design, carried out by a team of R&D professionals, cooperating together with prestigious international universities and research centres.

THE ADVANTAGES OF VIDEO ANALYTICS

- Maximum preventative anti-intrusion efficiency: every part of the system is designed and automated to allow immediate and preventative actions against any possible threat.
- A reduction in human error and costs.
- Reduced storage space needed: only necessary footage is recorded.
- Optimal external operation in the most critical and complex atmospheric conditions.
- Videotec Analytics enables the geolocation function: GeoMove&Track. This function allows a form of cooperation between two Videotec cameras via an intelligent language to create advanced actions also on the more common video surveillance systems. This function offers the benefit of having a complete, turn-key positioning and tracking solution, guaranteed by Videotec.
- Unbeatable detection performance even at long distances, thanks to the analysis of detail-rich high-definition images.
- Reduced time and effort needed to monitor, detect and search the recordings for anomalous events. The resulting security system is highly efficient, reliable and convenient.

HOW DOES VIDEOTEC ANALYTICS WORK

Every time there is an alarm, the auto-tracking automatically activates, and event metadata is sent to the VMS via the ONVIF protocol. Simultaneously, the security operators are then alerted, and recording starts. The camera keeps the moving target at the centre of the frame and zooms in on the target to make recognition easier. The metadata can be used to frame the target with a bounding box for identification of the subject or can be used to activate alarms or begin recording.

RULES

Depending on the rules set, an alarm starts, and the auto-tracking is activated if an object enters, exits, or appears or stops more than allowed in an area.

CALIBRATION

The operator can calibrate the scene's point of view, so it is possible to render the targets in 3D.

TARGET CLASSIFICATION

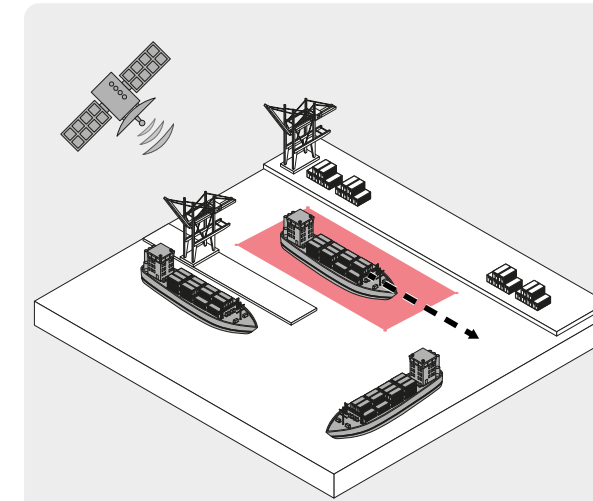
After a simple calibration procedure, targets can be classified into the following categories: generic objects, person, vehicle. Thereby, targets will trigger an alarm based on their size. The result is a drastic reduction of false alarms caused by irrelevant targets.

GEO-MOVE FUNCTION

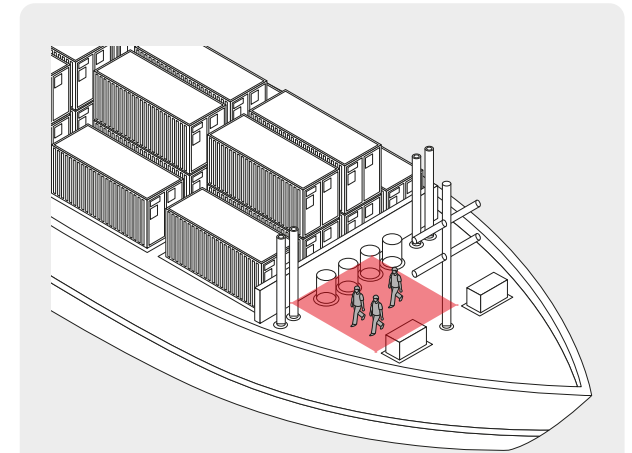
The GEO-MOVE function allows cameras to communicate with each other using intelligent language and create advanced actions. Typically, the GeoMove&Track activity is performed using a fixed camera or PTZ, with Videotec on-board analytics, which carries out detection in a certain area.

When a target is sighted, this camera sends the target's geo-coordinates to a second PTZ camera, which uses them to frame the target. Besides, if the second PTZ is also equipped with analytics functions, it will in turn activate detection and auto-tracking.

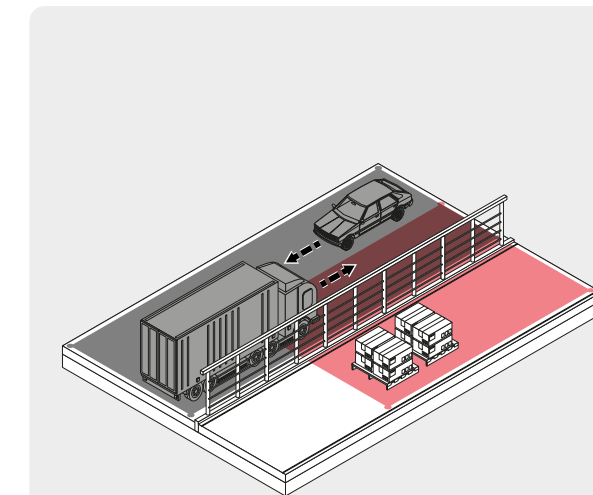
GeoMove&Track can interface with third-party software that provides the geo-coordinates of an object, for example Video Management Software (VMS) for traditional video surveillance to show targets on maps, or Vessel Tracking Service (VTS) systems for navigation control services, also in combination with radar control systems.



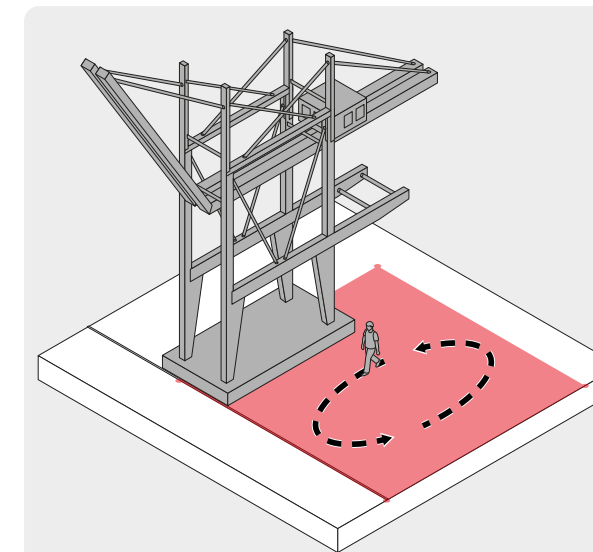
Geo-Move. Geo-Move function can interface with third-party software that provides the geo-coordinates of an object.



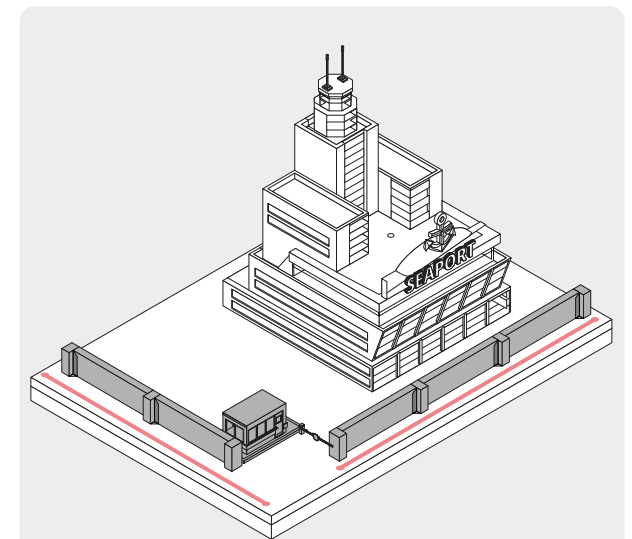
Entering/Leaving Area. The target triggers an alarm if it enters or leaves a specific area on board.



Detection mask. Disables detection activity in a part of the image.



Loitering. The target triggers an alarm if it stays in a specific area longer than a defined time.



Line Crossing. The target triggers an alarm if it crosses the line in one direction or multiple directions.



NXPTZ SERIES2

STAINLESS STEEL PTZ CAMERAS



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 micro-shot and 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



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
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	-	-
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)



NVX NTX

STAINLESS STEEL CAMERAS



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.

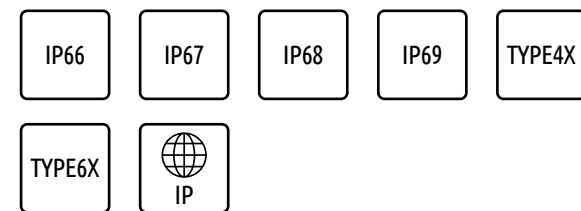
These cameras have exceptional corrosion resistance, ample temperature range and protection degree of IP66/IP67/IP68/IP69.

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.

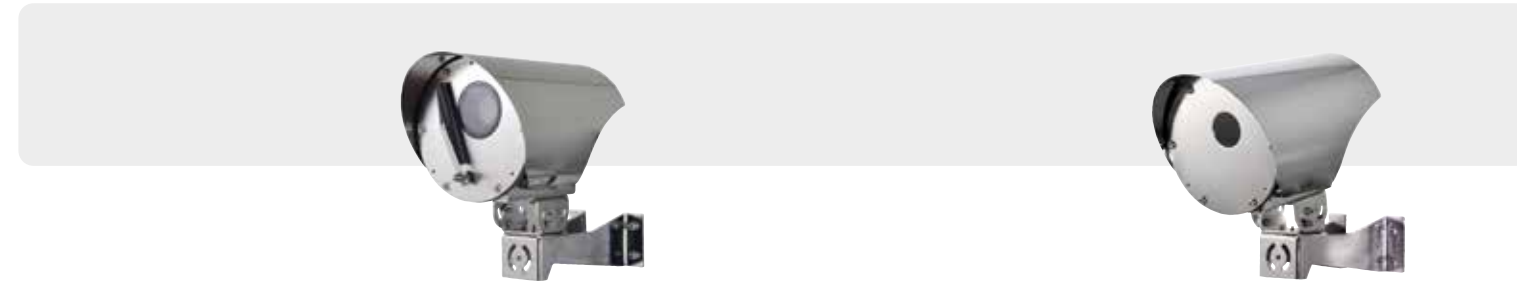
The NVX camera can have an integrated wiper or a polycarbonate window for applications in the food industry.

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
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	√	√	√

NXM36 NXM36 HI-POE NTM36 / NXW / NTW

STAINLESS STEEL HOUSINGS



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.

IP66

IP67

IP68

IP69

NXM36 NXM36 HI-POE NTM36

STAINLESS STEEL HOUSINGS



NXM36

NXM36 HI-POE

NTM36

MECHANICAL

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

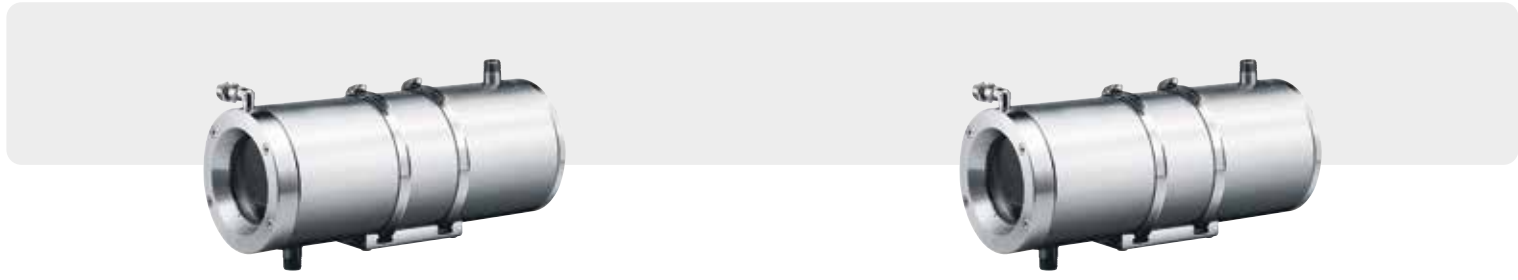
Operating temperature	Version with heater: from -20°C (-4°F) up to +60°C (140°F) Version with double heater: from -40°C (-40°F) up to +60°C (140°F)	With wide range cameras, in Hi-PoE version: from -20°C (-4°F) up to +60°C (140°F)	Version with heater: from -20°C (-4°F) up to +60°C (140°F)
Relative humidity	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 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.





ULISSE EVO

ULISSE PTZ CAMERAS



The **ULISSE EVO** PTZ cameras combine high technology to solid construction and guarantee efficient video surveillance in all 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.



IP66	IP67	IP68	TYPE4X	TYPE6P
IK10	IP			

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 0.02°/s up to 250°/s	From 0.02°/s up to 250°/s	From 0.02°/s up to 250°/s	From 0.02°/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
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 (complies with standard IEEE802.3bt CLASS 8)	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	-	-
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	✓	✓	✓	✓



ACCESSORIES



OHEP90INJ
PoE (90w) Power Injector with one channel
 • For installation indoors (OHEP90INJ)
 • For installation outdoor(OHEP90INJO)



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



SURGEPR
LIGHTNING SURGE PROTECTOR DEVICE
 • For railway application (in compliance with EN50121-4)



FM1010
EMC FILTER FOR MARINE CERTIFICATION
 • 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



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



UEI
ILLUMINATOR FOR ULISSE EVO
 • Wavelengths: 850nm, 940nm, white light
 • Colours: RAL 9002, RAL 9005










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










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)
 • Suitable for Videotec products
 • Operating temperature from -20°C (-4°F) up to +60°C (140°F)
 • Available voltages: 230Vac, 120Vac, 24Vac



STAINLESS STEEL CAMERA BRACKETS

	NXPTZ SERIES2	NXPTZR SERIES2	NXPTZT SERIES2	NXV	NTX
 <p>NXPTZWB WALL MOUNT BRACKET • Made of AISI 316L electropolished stainless steel • Load rating: 40kg (88lb) • Length: 400mm (15.7in) • Can be coupled with modular components (NXPTZCW, NXPTZCOL)</p>	✓	✓	✓	-	-
 <p>NXPTZCOL POLE MOUNT ADAPTOR • 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>	✓	✓	✓	-	-
 <p>NXPTZCW CORNER MOUNT ADAPTOR • Load rating: 50kg (110lb) • Dimensions: 335x186mm (13.2x7.3in)</p>	✓	✓	✓	-	-
 <p>NXPTZTW PARAPET OR CEILING MOUNTING BRACKET • AISI 316L electropolished stainless steel • Load rating: 40kg (88lb) • Dimensions: Ø 238mm (9.4in)</p>	✓	✓	✓	-	-
 <p>UEAP POLE MOUNT ADAPTOR • 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>	-	-	-	✓	✓

STAINLESS STEEL HOUSING BRACKETS

	NXM36	NXM36 HI-POE	NTM36	NXL	NTL	NXW	NTW
 <p>NXWBL WALL BRACKET FOR NXL HOUSING • AISI 316L electropolished stainless steel • Load rating: 45kg (99lb) • Length: 596mm (23.5in) • Can be coupled with modular components: NXCOL, NXCW</p>	-	-	-	✓	✓	-	-
 <p>NXWBS1 WALL MOUNT BRACKET • AISI 316L electropolished stainless steel • Load rating: 45kg (99lb) • Dimensions: 371x186mm (14.6x7.3in) • Suitable for: NXCOL, NXCW</p>	✓	✓	✓	✓	✓	✓	✓
 <p>NXCOL POLE MOUNT ADAPTOR • 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>	✓	✓	✓	✓	✓	✓	✓
 <p>NXCW CORNER MOUNT ADAPTOR • AISI 316L electropolished stainless steel • Load rating: 50kg (110lb) • Dimensions: 180x291mm (7x11.5in)</p>	✓	✓	✓	✓	✓	✓	✓
 <p>NXWTU WALL ADAPTOR MODULE • AISI 316L electropolished stainless steel • Load rating: 20kg (44lb) • Dimensions: 168x234mm (6.6x9.2in) • Suitable for: NXWBS1, WBOVA2, WBJA, WBMA</p>	✓	✓	✓	✓	✓	✓	✓
 <p>MHXWBS WALL MOUNT BRACKET • Made of AISI 316L electropolished stainless steel • Load rating: 40kg (88lb) • Length: 425mm (16.7in) • Suitable for: MPXCW, MPXCWL</p>	✓	✓	✓	-	-	✓	✓
 <p>MHXWFWCA PARAPET MOUNTING BRACKET • AISI 316L electropolished stainless steel • Load rating: 40kg (88lb) • Dimensions: Ø 101.6mm (4in) • Suitable for: NXFWBT</p>	✓	✓	✓	-	-	✓	✓

ULISSE CAMERAS BRACKETS

	ULISSE EVO	ULISSE EVO DUAL	ULISSE EVO THERMAL
 <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 • 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>	✓	✓	✓

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