

ULISSE RANGE



Integrated Positioning Units
for Outdoor areas





GLOBAL PARTNER FOR PROFESSIONAL CCTV PRODUCTS

VIDEOTECH, world-class manufacturer in the cctv industry, has designed numerous products for high-end and specialized applications in the most extreme outdoor environments, such as: hi-speed PTZ for precise camera positioning, certified explosion-proof cameras for hazardous environment, heavy duty housings, night LED illuminators, advanced artificial intelligence systems and much other.

VIDEOTECH has an effective and flexible organisation, they are able to perfectly manage long-term production plans of any type and dimension.

With an operative and logistic core of 13,000m² in eastern Italy and a worldwide distribution network, VIDEOTECH provides a complete array of products with uncompromising functionality and quality along with a global technical support all over the world and in real time.

EXCELLENCE IN OUTDOOR INFRASTRUCTURES PROTECTION

All VIDEOTECH products have been designed for outdoor surveillance purposes, to provide the highest degree of protection. The best components and state of the art materials are selected to ensure maximum durability and reliability, with zero maintenance.

The company has a field proven reliability with a long list of site references, its products have been distributed for more than twenty five years now and are currently being used with utmost satisfaction in the most important security systems throughout the world.

In particular the ULISSE range offers the widest choice of rugged PTZ cameras for customers wanting precise and quick 24/7 outdoor surveillance in a wide variety of applications even in harsh environments.



APPLICATIONS

TRAFFIC AND HIGHWAYS CONTROL

CITY CENTRE SURVEILLANCE

COASTAL AND HARBOUR MONITORING

BORDERLINES AND PERIMETERS WATCHING

STADIUMS

AIRPORTS

INDUSTRIES SURVEILLANCE

PRISONS AND MILITARY INSTALLATIONS

FIRE DETECTION

ENVIRONMENTAL SURVEILLANCE

PRODUCTS

ULISSE COMPACT HD

ULISSE COMPACT

ULISSE COMPACT THERMAL

ULISSE

ULISSE PLUS

ULISSE MAXI

ULISSE COMPACT RANGE

Integrated positioning unit with built-in camera



Compact rugged PTZ camera, fast and smooth in motion at 200°/sec with an impressive camera positioning accuracy of 0.05°.

Over 150 versions available including analog and IP control mode, and with Full HD camera. Featuring an integrated LED illuminator, it can provide illumination in little or no light for short to medium range applications. Wiper and washer allow the user to remotely clean the housing window. A solution that it is a great fit in vertical market, like transportation, mining, etc.

ULISSE COMPACT HD

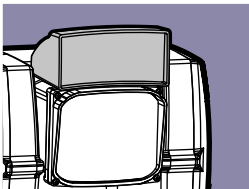
Particularly suited to applications requiring detailed images or a wider area coverage, the ULISSE COMPACT HD is a Full HD 1080p PTZ camera that delivers high quality video and is able to accurately identify specific details of a scenario, such as faces or license plates, even in low light and challenging conditions.

ULISSE COMPACT

This hi-speed PTZ integrates a motorised pan/tilt unit with RS485 driver and a hi-res automatic Sony Day/Night camera module in a weatherproof housing. Wide choice of camera lens options. A complete front flange kit with heated glass is available as an option for installations in particularly cold or humid environment. Analog or IP H.264/AVC (ONVIF protocol, Profile S) versions available.

ULISSE COMPACT THERMAL

Integrated solution for vision even in total darkness, fog, rain, heavy smoke. Dual independent video output with an advanced thermal camera and a day/night module, factory-aligned and installed within the same housing. The two cameras provide high quality images regardless of the lighting conditions.



Built-in LED illuminator rotating with the camera.

200°/s

High Speed Pan/Tilt with Slip Ring Cable Management: from 0.1° to 200°/sec.

-40°C

The unit operates in temperatures down to -40°C, with sophisticated de-icing functions.

FULL HD

ULISSE COMPACT with Full HD 1080p camera, 20x optical zoom lens, 30 ips and up to 4 simultaneous video streams. Video compression H.264/AVC and MJPEG. Certified ONVIF Profile S.

H.264

The H.264/AVC IP-based versions allow a full control of all PTZ functions via network (ONVIF Profile S).



ULISSE COMPACT HD



ULISSE COMPACT



ULISSE COMPACT THERMAL

COMMON FEATURES

Pan/Tilt Speed from 0.1° to 200°/sec
 Horizontal 360° continuous rotation, vertical -90°/+90°
 0.05° Accuracy on Presets (250 positions)
 IP66 Weatherproof
 Optional infrared or white light LED illuminator

ULISSE COMPACT HD FULL HD DAY/NIGHT CAMERA PTZ

KEY FEATURES

Camera Full HD 1080p, 20x, 30 Frames per second (fps)
 Video compression H.264/AVC and MJPEG
 Certified ONVIF protocol, Profile S
 Up to 4 simultaneous Video Streams
 1 alarm input and 1 relay output
 Integrated Wiper
 Operating Temperature -40°C to 50°C (-40°F / +122°F)

ULISSE COMPACT DAY/NIGHT CAMERA PTZ

KEY FEATURES

36x, 28x or 10x Automatic Day/Night Sony
 Camera Module Hi-res 550 TV Lines
 Dynamic Video Masking for Privacy Zones
 Communications and control via RS485
 IP-based version compression H.264/AVC 25fps, Full D1 (ONVIF Profile S)
 Optional front flange kit with heated glass for the window
 cleaning from ice or damp down to -30°C
 Optional wiper
 Operating Temperature -40°C to 60°C (-40°F / +140°F)

ULISSE COMPACT THERMAL DAY/NIGHT + THERMAL CAMERAS PTZ

KEY FEATURES

Dual independent video output
 Complete control via RS485 of both cameras
 Thermal cameras:

- Sensor: Uncooled microbolometer (VOx)
- Lenses: 35mm, 25mm
- Resolution 320x256 or 640x512 (PAL)
- Image frequency: 8.3Hz or 25Hz

 Day/Night Sony automatic Camera module 36x or 28x

- True Progressive Scan (only 36x)
- High resolution: up to 550 TV Lines
- Advanced image stabilizer (Stable Zoom Mode)
- Day/night (Auto ICR: automatic removal of IR filter)
- Dynamic video masking of different areas

 Operating Temperature -40°C to 60°C (-40°F / +140°F)

ULISSE RANGE

Camera positioning unit



PROTECTION



IP



WIPER



INTEGRATED CAM



THERMAL



INFRARED



NETWORK



Manufactured of aluminium and ABS plastic, this high speed PTZ surpasses the best high speed dome cameras available today in performance for outdoor applications.

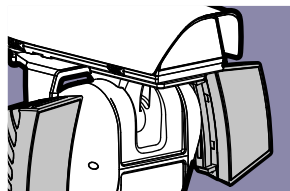
It's capable of continuous 360° panning at speeds up to 100°/sec, depending on the model with an impressive preset accuracy of 0.02°. The vertical tilt moves at 40°/sec from +90° to -40°. This PTZ camera can be used for surveillance above the standard horizontal axis. It can be equipped on demand with a Sony day/night camera module.

Position control and camera configuration is handled by a RS485 twisted pair or RS422 connection, the latter suitable for 'cascade' control of several ULISSE units. In addition it has an RS232 serial interface for direct PC control.

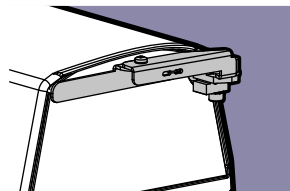
The ULISSE range includes models specially designed to contain both compact camera modules and the most voluminous motorised lenses available on the market.

The ULISSE is equipped as standard with a thermostatically controlled heater to provide an optimal operating temperature. This is useful in humid or cold environments. A cold pack is available for certain models for low temperature down to -30°C (-22°F).

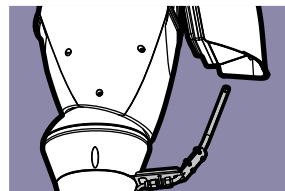
Wiper and washer are offered as an option allowing the user to remotely clean the housing window. A solution that it is a great fit in vertical market, like transportation, mining, etc.



Two powerful LED illuminators rotating with the camera for superb night time images



A wiper is fitted on demand to the unit allowing the user to remotely clean the housing window



Washer & pump set available as an accessory



Cold kit for temperature down to -30°C (-22°F)

ULISSE

Unit suitable to standard zoom lenses



ULISSE with wiper



ULISSE with LED illuminators



ULISSE for thermal cameras

ULISSE

KEY FEATURES

Weatherproof housing for compact lenses
Internal usable area (WxHxL): 104x84x270mm (4.1x3.3x10.6in)
Variable speed: 0.02°-100°/s Pan; 0.02°-40°/s Tilt
Variable speed with LED illuminators: Pan 0.02°-40°/s - Tilt 0.02°-30°/s
Pan continuous rotation, Tilt +90°/-40°
Preset (250 positions), Autopan, Patrol
Preset accuracy: 0.02°
IP66 weatherproof
Operating temperature: -20°C/+60°C (-4°F/+140°F)

OPTIONS

Bracket for the installation of two LED illuminators (illuminators not supplied)
Built-in wiper
Models for thermal cameras (camera not supplied)
IP-based version for full control of video and data via network (MPEG4 compression, compatible with Milestone Xprotect® Suite)
Integrated Day/Night SONY 36x, 28x cameras
Cold pack for low temperature down to -30°C (-22°F)

ULISSE NETCAM



The ULISSE NETCAM integrated full-IP positioning system is the first and only model capable of holding and managing the modern IP, SD, HD and Megapixel cameras, offering a seamless integration in a network system via ONVIF profile S. The PTZ unit, camera and optical functions are all controlled via the standard VMS available on the market using the ONVIF Profile S protocol system (or alternatively the camera's proprietary protocol via RS485). The VMS sees the combo (ULISSE Netcam + ONVIF profile S camera + motorized zoom lens) as a single IP address.

The ONVIF Profile S compatible cameras can be configured using standard ONVIF commands without having to connect to the camera web page.

KEY FEATURES

Suitable to the best IP cameras and zoom lenses
Selectable IP protocols: ONVIF or camera proprietary protocols
Only one IP address
Communication: Ethernet connection IEEE 802.3 100Base-Tx

OPTIONS

Bracket for the installation of two LED illuminators (illuminators not supplied)
Built-in wiper
Cold pack for low temperature down to -30°C (-22°F)
Models for thermal cameras (camera not supplied)
Optical sensor for absolute positioning feedback

ULISSE PLUS

Unit suitable to medium-large zoom lenses



ULISSE PLUS



ULISSE PLUS with LED illuminators

ULISSE PLUS

KEY FEATURES

Weatherproof housing for compact lenses
Internal usable area (WxHxL): 115x90x325mm (4.5x3.5x12.8in)
Variable speed: 0.02°-100°/s Pan; 0.02°-40°/s Tilt
Variable speed with LED illuminators: Pan 0.02°-40°/s - Tilt 0.02°-30°/s
Pan continuous rotation, Tilt +90°/-40°
Preset (250 positions), Autopan, Patrol
Preset accuracy: 0.02°
IP66 weatherproof
Operating temperature: -20°C/+60°C (-4°F/+140°F)

OPTIONS

Bracket for the installation of two LED illuminators (illuminators not supplied)
Built-in wiper
Optical sensors for absolute positioning feedback
IP-based version for full control of video and data via network (MPEG4 compression, compatible with Milestone Xprotect® Suite)
Integrated Day/Night SONY 36x, 28x cameras
Cold pack for low temperature down to -30°C (-22°F)

ULISSE PLUS NETCAM



KEY FEATURES

Suitable to IP cameras and medium/large and zoom lenses
Selectable IP protocols: ONVIF or camera proprietary protocols (via RS485 serial port)
Only one IP address
Communication: Ethernet connection: IEEE 802.3 100Base-Tx

OPTIONS

Bracket for the installation of two LED illuminators (illuminators not supplied)
Built-in wiper
Models for thermal cameras (camera not supplied)
Cold pack for low temperature down to -30°C (-22°F)

ULISSE MAXI

Unit suitable to the largest zoom lenses in the market



ULISSE MAXI



ULISSE MAXI for thermal cameras

ULISSE MAXI

KEY FEATURES

- Weatherproof housing for large-size lenses
- Internal usable area (WxHxL): 152x160x432mm (6x6.3x17in)
- Variable speed: 0.02°-20°/s Pan and Tilt
- Horizontal continuous rotation, vertical +45°/-20°
- Supplied with optical sensor for absolute positioning feedback
- Adjustable counter-weights system for optimum balancing
- Build-in wiper
- Preset accuracy: 0.02°
- Up to 250 Presets
- IP66 weatherproof
- Operating temperature: -10°C / +60°C (14°F / 140°F)

OPTIONS

- IP-based version for full control of video and data via network (MPEG4 compression, compatible with Milestone Xprotect® Suite)
- Models for thermal cameras (camera not supplied)

ULISSE MAXI NETCAM



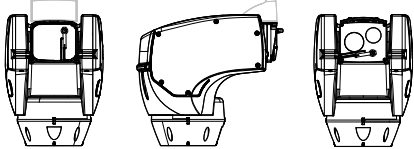
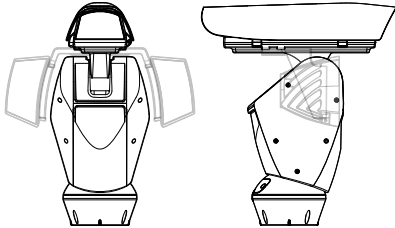
KEY FEATURES

- Suitable to IP cameras and medium/large and zoom lenses
- Selectable IP protocols: ONVIF or camera proprietary protocols (via RS485 serial port)
- Only one IP address
- Communication: Ethernet connection: IEEE 802.3 100Base-Tx

OPTIONS

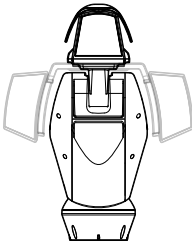
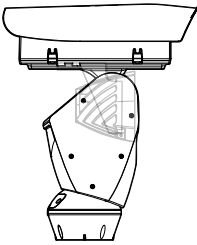
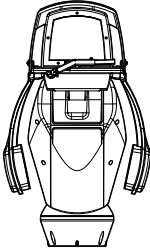
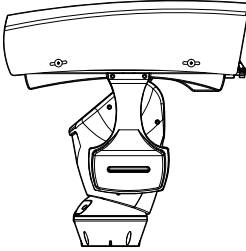
- Models for thermal cameras (camera not supplied)

COMPARISON TABLE

	INTEGRATED POSITIONING UNITS				
	ULISSE COMPACT			ULISSE	
	ULISSE COMPACT HD	ULISSE COMPACT	ULISSE COMPACT THERMAL	ULISSE	ULISSE NETCAM
					
FEATURES					
Camera type	Integrated Day/Night HD camera	Integrated Day/Night camera	Integrated Day/Night + Thermal camera	For analog camera	For network camera
For Motorized zoom lenses				For compact-size zoom lenses	
Integrated Day/Night camera	20x zoom	36x, 28x, 10x zoom	36x, 28x zoom	36x, 28x zoom on demand	
Integrated thermal camera			Uncooled VOx		
Analog/IP		Analog or IP H264	Analog	Analog or IP MPEG4	IP
Variable speed	Pan/Tilt 0.1°÷200°/s			Pan 0.02°÷100°/s / Tilt 0.02°÷40°/s ¹	
Camera useful area (WxHxL)				104x84x270mm (4.1x3.3x10.6in)	
Preset Accuracy	0.05°			0.02°	
Optical sensor for perfect positioning					
Operating temperature	Min -40°C (40°F) / Max +50°C (122°F)	Min -40°C (40°F) / Max +60°C (140°F)		Min -30° / Max +60°C ²	
OPTIONS					
Integrated Wiper	•	•	•	•	•
Prearrangement for UPTIRN LED illuminators				•	•
Integrated LED illuminator	•	•			
Germanium window for thermal cameras			•	•	•

¹ Variable speed with UPTIRN LED illuminators: Pan 0.02°-40°/s - Tilt 0.02°-30°/s

² With optional reinforced heater, otherwise Min -20°C (-4°F) + Max +60°C (140°F)

ULISSE PLUS		ULISSE MAXI		
ULISSE PLUS	ULISSE PLUS NETCAM	ULISSE MAXI	ULISSE MAXI NETCAM	
				
				FEATURES
For analog camera	For network camera	For analog camera	For network camera	Camera type
For medium-size zoom lenses		For large-size zoom lenses		For Motorized zoom lenses
				Integrated Day/Night camera
				Integrated thermal camera
Analog or IP MPEG4	IP	Analog or IP MPEG4	IP	Analog/IP
Pan 0.02°÷100°/s / Tilt 0.02°÷50°/s ¹		Pan/Tilt 0.02°÷20°/s		Variable speed
115x90x325mm (4.5x3.5x12.8in)		152x160x432mm (6x6.3x17in)		Camera useful area (WxHxL)
0.02°		0.02°		Preset Accuracy
•	•	•	•	Optical sensor for perfect positioning
Min -30° / Max +60°C ²		Min -10°C (14°F) / Max +60°C (140°F)		Operating temperature
				OPTIONS
•	•	•	•	Integrated Wiper
•	•			Prearrangement for UPTIRN LED illuminators
				Integrated LED illuminator
		•	•	Germanium window for thermal cameras



CCTV PRODUCTS
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Made in Italy, since 1986