

# ULISSE PLUS NETCAM

## OUTDOOR FULL IP PTZ UNIT FOR NETWORK CAMERAS WITH MEDIUM SIZE LENSES



### FEATURES

For Network cameras compatible with ONVIF protocol, Profile S, or equipped with RS485 serial port

Direct access to camera web pages via VT Tunneling

Variable speed: 0.02°-100°/s Pan; 0.02°-50°/s Tilt

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

Horizontal continuous rotation, vertical +90°/-40°

Weatherproof housing for medium/large-size lenses

IP66

Optical sensors for absolute positioning feedback

Position accuracy: 0.02°

Up to 250 Presets

Integrated wiper

Operating temperature: -20°C / +60°C (-4°F / +140°F)

Power supply available 230Vac, 24Vac or 120Vac

### OPTIONS:

Prerangement for mounting of two UPTIRN LED illuminators

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

### DESCRIPTION

ULISSE PLUS NETCAM is a powerful Full-IP PTZ for outdoor IP video surveillance, which can manage modern IP SD, HD and Megapixel cameras, with integration into a network system.

This model can contain cameras with medium-sized lenses, enabling dynamic and non-stop surveillance of large outdoor areas at 360° degrees.

A special feature of ULISSE PLUS NETCAM is the ability to easily control, via the network, all the camera's pan & tilt functions, including wiper, preset and set-up, using the most common VMS on the market. It is possible to use any ONVIF compatible Profile S camera, or proprietary protocol on RS-485, whilst the entire management of the system only requires an IP address.

The unit is equipped with a wiper for removing rain and dust from the front glass; there is a wide selection of jerry cans with washer pump, different capacities and heads.

To ensure detailed images even during the night hours, versions are available with LED illuminators, with infrared light or white light.

The accurate top-mount construction ensures vision beyond the horizon and the continuous rotation on the horizontal axis, combining high speed to absolute tracking accuracy, both in manual mode and in patrol mode.

The unit is equipped with optical sensors which ensure the accurate control of the position in any condition of use.



ULISSE PLUS NETCAM



ULISSE PLUS NETCAM + 2 UPTIRN

**TECHNICAL DATA****GENERAL**

Built in aluminium and ABS  
 Epoxypolyester powder painting, RAL9002 colour  
 Top mount (OTT)  
 Transmission through toothed belt  
 Slip-ring  
 Electronic limit switches  
 Plug installation thanks to connector and easy replacement on-site  
 Zero backlash  
 Encoder for absolute positioning  
 Integrated wiper  
 Configuration of telemetry protocol parameters through dip-switch for RS485

**MECHANICAL**

Cable glands: 3xM16  
 Horizontal rotation: continuous  
 Vertical rotation: +90° to -40°  
 Horizontal speed (variable): from 0.02°/s up to 100°/s (from 0.02°/s up to 40°/s, with LED illuminators)  
 Tilt speed (variable): from 0.02°/s up to 50°/s (from 0.02°/s up to 30°/s, with LED illuminators)  
 Internal usable area: See drawings  
 Enclosure glass window (WxH): 124x112mm (4.9x4.4in)  
 Preset accuracy: 0.02°  
 Unit weight: 16.8kg (37lb) (17.8kg (39.2lb), with LED illuminators bracket)

**ELECTRICAL**

Suitable for use with network cameras  
 Power supply/Current consumption:
 

- 230Vac, 0.4A, 50/60Hz
- 24Vac, 4A (8A with LED illuminators), 50/60Hz
- 120Vac, 0.8A, 50/60Hz

 Power consumption:
 

- 100W
- 150-190W max with LED illuminators in 24Vac
- 28.5W, P&T stopped, heating switched off

 Camera power supply: 12Vdc (800mA)  
 4 self-powered alarm inputs  
 2 dry contacts: 30Vdc max o30Vac, @ 1A

**COMMUNICATIONS**

Ethernet connection: IEEE 802.3 100Base-Tx

**PROTOCOLS**

ONVIF, S profile

**ENVIRONMENT**

Indoor/Outdoor  
 Operating temperature (with heater): -20°C (-4°F)/+60°C (140°F)  
 Operating temperature (with reinforced heater): -30°C (-22°F)/+60°C (140°F)  
 Surge immunity: up to 2kV line to line, up to 4kV line to earth (Class 4)

**CERTIFICATIONS**

Electrical safety: EN60950-1, IEC60950-1  
 Photobiological safety of lamps and lamp systems (LED illuminators): EN62471  
 Electromagnetic compatibility: EN61000-6-4, EN55022 (Class A), FCC Part 15 (Class A)  
 Immunity: EN50130-4  
 Outdoor installation: EN60950-22, IEC60950-22  
 UL certification: cULus Listed (TYPE 4X)  
 IP protection degree: EN60529 (IP66)  
 Resistant to salty fog: EN50130-5, EN60068-2-52  
 EAC certification

**ACCESSORIES**

UPTIRN108A00	LED illuminator for ULISSE, 10°, 850nm, 24Vac - 12/24Vdc
UPTIRN308A00	LED illuminator for ULISSE, 30°, 850nm, 24Vac - 12/24Vdc
UPTIRN608A00	LED illuminator for ULISSE, 60°, 850nm, 24Vac - 12/24Vdc
UPTIRN109A00	LED illuminator for ULISSE, 10°, 940nm, 24Vac - 12/24Vdc
UPTIRN309A00	LED illuminator for ULISSE, 30°, 940nm, 24Vac - 12/24Vdc
UPTIRN10WA00	LED illuminator for ULISSE, 10°, white light, 24Vac - 12/24Vdc
UPTIRN30WA00	LED illuminator for ULISSE, 30°, white light, 24Vac - 12/24Vdc
UPTIRN60WA00	LED illuminator for ULISSE, 60°, white light, 24Vac - 12/24Vdc
UPTHT1	Cold pack for low temperature 24Vac, 30W
UPTIRPS230N	External power supply for ULISSE series, prearranged for two LED illuminators, and control to synchronize IR illuminators with camera Day/Night switching, IN 230Vac, in weatherproof box. Twilight sensor included.
UPTIRPS100N	External power supply for ULISSE series, prearranged for two LED illuminators, and control to synchronize IR illuminators with camera Day/Night switching, IN 100Vac, in weatherproof box
UPTIRPS120UL	External power supply for ULISSE series, prearranged for two LED illuminators, and control to synchronize IR illuminators with camera Day/Night switching, IN 120Vac, in weatherproof box. Twilight sensor included.
UPTJBUL	Junction weatherproof box for cables connexion (according UL norm)
WASPTOV5L5M00	Water tank 5l, pump with delivery up to 5m (16ft), IN 230Vac-24Vac-120Vac
WASPTOV23L5M00	Water tank 23l, pump with delivery up to 5m (16ft), IN 230Vac-24Vac-120Vac
WASPTOV23L11M00	Water tank 23l, pump with delivery up to 11m (36ft), IN 230Vac-24Vac-120Vac
WASPT1V23L30M00	Water tank 23l, pump with delivery up to 30m (98ft) with water floating, IN 230Vac
WASPT3V23L30M00	Water tank 23l, pump with delivery up to 30m (98ft) with water floating, IN 120Vac

**BRACKETS AND ADAPTORS**

UPTWBA	Wall bracket with internal cable channel
UPTWBTAB	Parapet bracket with internal cable channel
PTCC1	Pole mount adaptor
WCWGC	Corner mount adaptor

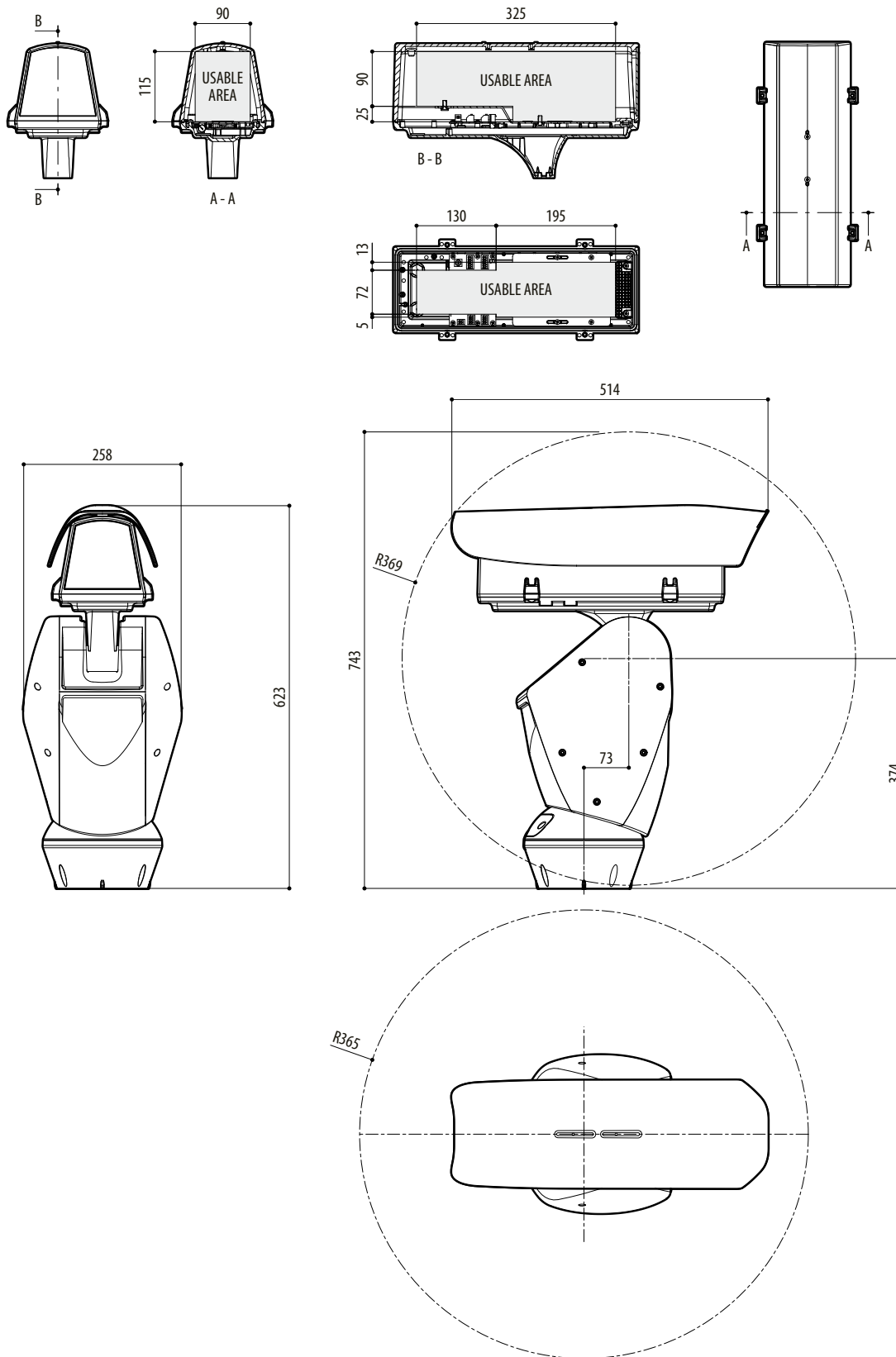
**PACKAGE**

Model Number	Weight	Dimensions (WxHxL)	Master carton
UPT1SMSAN00E	20kg (44lb)	66x33x57cm (26x13x22in)	-
UPT1SMWAN00E	20.5kg (45lb)	66x33x57cm (26x13x22in)	-
UPT1SMJAN00E	21kg (45lb)	66x33x57cm (26x13x22in)	-

ULISSE PLUS NETCAM - CONFIGURATION OPTIONS							
	Voltage		Options		Video output		
<b>UPT</b>	<b>1</b>	230Vac	<b>SM</b>	<b>W</b> With wiper	<b>A</b>	<b>N</b> For Network cameras compatible with ONVIF protocol, Profile S, or with built-in telemetry output	<b>OOE</b>
	<b>2</b>	24Vac		<b>J</b> With wiper and brackets for UPTIRN (only 24Vac, illuminators not included)			
	<b>3</b>	120Vac					

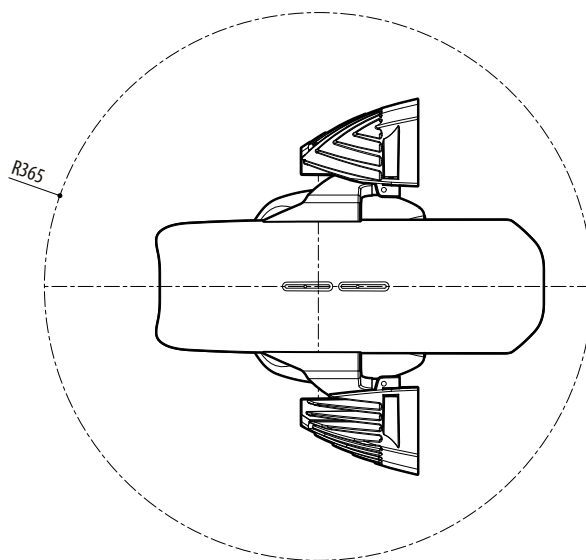
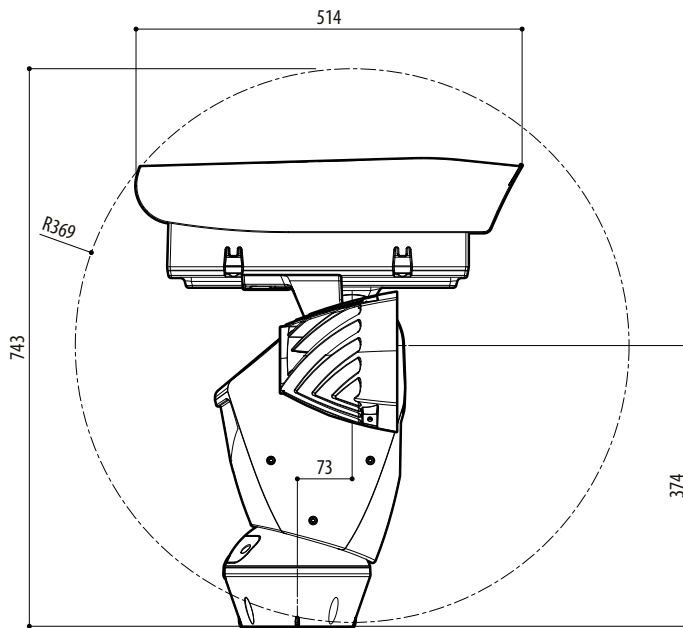
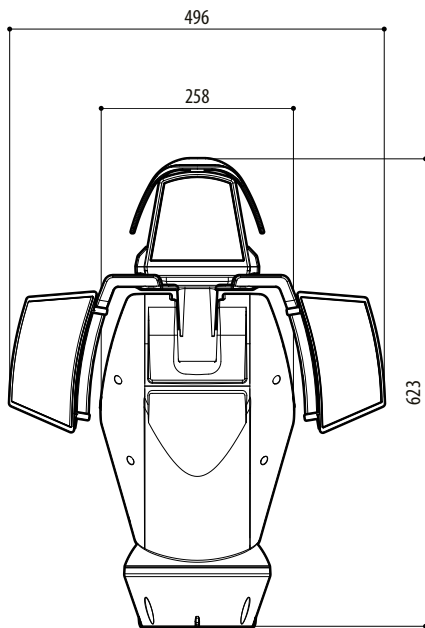
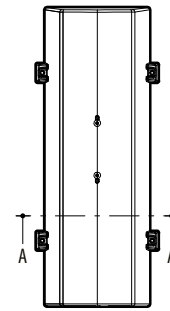
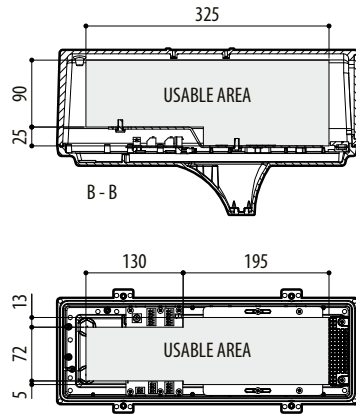
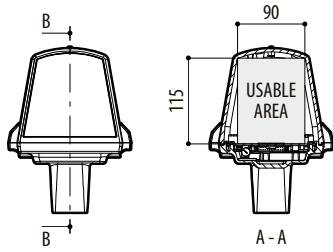
**TECHNICAL DRAWINGS**

Sizes in millimeters.



ULISSE PLUS NETCAM

Sizes in millimeters.



ULISSE PLUS NETCAM, PRE-ARRANGED VERSION FOR TWO LED ILLUMINATORS INSTALLATION

