ULISSE NETCAM
OUTDOOR FULL IP PTZ UNIT FOR NETWORK CAMERAS

IP66 PROTECTION **TYPE 4X** INFRARED THERMAL WIPER NETWORK **FULL-IP** ONVIF S

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°-40°/s Tilt

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

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

Housing for compact lenses

IP66

Autopan, Preset, Patrol

Position accuracy: 0.02°

Up to 250 Presets

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

Power supply available 230Vac, 24Vac or 120Vac

OPTIONS:

Germanium window for thermal cameras

Prearrangement for mounting of two UPTIRN LED illuminators

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

Wiper

DESCRIPTION

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

ULISSE NETCAM ensures maximum surveillance coverage in all outdoor environments, even the most difficult. It can operate 24 hours a day in demanding security applications, without requiring maintenance work.

This model can contain cameras with compact lenses.

A special feature of ULISSE 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 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 PTZ unit can be 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 optimal operation is ensured in very hot environments up to 60°C or in very cold environments up to -30°, thanks to optional enhanced heating.

Models are available for vision with a thermal camera.

ULISSE NETCAM

ULISSE NETCAM + 2 UPTIRN

ULISSE NETCAM FOR THERMAL CAMERAS

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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

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 40°/s (from 0.02°/s up to 30°/s,with LED illuminators)

Internal usable area: See drawings

Enclosure glass window (WxH): 118x75mm (4.6x2.7in)

Preset accuracy: 0.02°

Unit weight: 16.3kg (36lb) (16.8kg (37lb), with LED illuminators bracket)

ULISSE NETCAM, for thermal cameras:

Germanium window

- Dimensions (Ø): 70mm (2.8in) (external), 55mm (2.1in) (internal)
- Thick:2mm (0.07in)
- External scratch-resistant treatment: Hard Carbon Coating (DLC)
- Internal antireflection treatment
- Spectral range: 7.5µm ÷ 14µm
- Medium transmittance (7.5µm ÷ 11.5µm): 94%
- Medium transmittance (11.5µm ÷ 14µm): 90%

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
- 24W, 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, Profile S

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)

Wind resistance (without LED illuminators):

- Operational: up to 160km/h
- Stationary: up to 210km/h

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: EN610000-6-4, EN55022 (Class A), FCC Part 15 (Class A)

Immunity: EN50130-4

Outdoor installation: EN60950-22, IEC60950-22

UL certification: cULus Listed (TYPE 4X) (not for thermal cameras version)

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
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)
UPTHT1	Cold pack for low temperature 24Vac, 30W
WASPT0V5L5M00	Water tank 5l, pump with delivery up to 5m (16ft), IN 230Vac-24Vac-120Vac
WASPT0V23L5M00	Water tank 23l, pump with delivery up to 5m (16ft), IN 230Vac-24Vac-120Vac
WASPT0V23L11M00	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

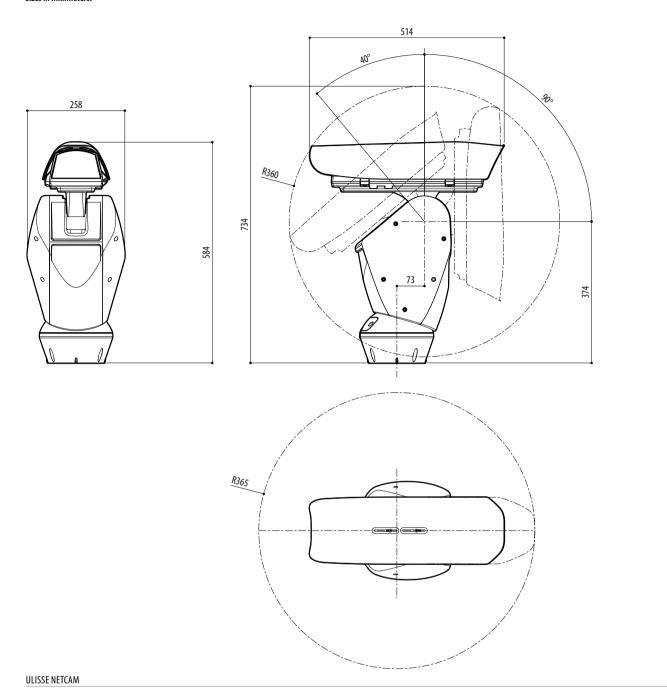|	
UPTWBA	Wall bracket with internal cable channel
UPTWBTAB	Parapet bracket with internal cable channel
PTCC1	Pole mount adaptor
WCWGC	Corner mount adaptor

PACKAGE

Model Number	Weight	Dimensions (WxHxL)	Master carton
UPT1SVSAN00E	19.5kg (43lb)	66x33x57cm (26x13x22in)	-
UPT1SVWAN00E	20kg (44lb)	66x33x57cm (26x13x22in)	-
UPT2SVJAN00E	19.5kg (43lb)	66x33x57cm (26x13x22in)	-

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ULISSE NETCAM - CONFIGURATION OPTIONS

	Voltage				Options			Video output	
UPT	**1**	230Vac	**S**	Without camera	**V**	**S**	Without accessories	**A**	**N** For Network cameras compatible with ONVIF protocol, Profile S, or with built-in telemetry output	**00E**
	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 cameras applications			

TECHNICAL DRAWINGS

Sizes in millimeters.

258

584

514

40°

90°

R360

734

73

374

ULISSE NETCAM

R365

Sizes in millimeters.

496

317

258

584

514

40°

90°

R360

734

73

374

R365

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

Sizes in millimeters.

258

55

584

514

40°

90°

R360

734

374

73

R365

ULISSE NETCAM, VERSION FOR THERMAL CAMERAS

Sizes in millimeters.

330
50
280
65
USABLE AREA
5
A - A

140
190
20
USABLE AREA
72
13

104
70
USABLE AREA
B - B
SLIDE IN STANDARD POSITION

82
USABLE AREA
B - B
SLIDE IN STANDARD POSITION, REINFORCED HEATER
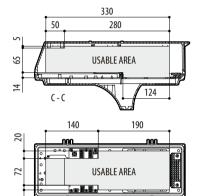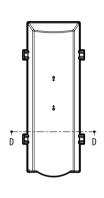
B — B

104
84
30°
USABLE AREA
78
10
69
D - D
REVERSED SLIDE

82
USABLE AREA
D - D
SLIDE IN REVERSED SLIDE, REINFORCED HEATER

330
50
280
65
USABLE AREA
5
14
C - C
124

140
190
20
USABLE AREA
72
13

D — D

104
12
13
70
USABLE AREA
53
F - F
SLIDE IN STANDARD POSITION, INTEGRATED WIPER

82
USABLE AREA
F - F
SLIDE IN STANDARD POSITION, INTEGRATED WIPER, REINFORCED HEATER

270
USABLE AREA
E - E

80
190
20
USABLE AREA
72
13

F — F

104
12
13
84
30°
USABLE AREA
57
10
H - H
REVERSED SLIDE, INTEGRATED WIPER

82
USABLE AREA
H - H
REVERSED SLIDE, INTEGRATED WIPER, REINFORCED HEATER

270
USABLE AREA
G - G

80
190
20
USABLE AREA
72
13

H — H

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