

ULISSE COMPACT HD

OUTDOOR HIGH SPEED PTZ FULL HD



PROTECTION



INTEGRATED CAM IP



INFRARED



WIPER



MAIN FEATURES

Variable speed: 0.1°-200°/s Pan/Tilt
 Horizontal continuous rotation, vertical -90°/+90°
 Camera Full HD 1080p, 20x, 30 frames per second (fps)
 Video compression H.264/AVC and MJPEG
 Certified ONVIF, Profile S
 Day/Night (Auto ICR: automatic removal of IR filter)
 Up to 4 simultaneous video streams
 1 alarm input and 1 relay output
 Position accuracy: 0.05°
 Up to 250 Presets
 Integrated wiper
 IP66
 Operating temperature: -40°C / +50°C (-40°F/+122°F)
 Power supply available 230Vac, 24Vac or 120Vac

OPTIONS:

LED illuminator

DESCRIPTION

The renowned outdoor PTZ is now available in Full HD 1080p!
 The ULISSE COMPACT HD is an IP66 FullHD network camera PTZ that delivers excellent high-definition picture quality.
 The Full HD Day/Night camera incorporates a 20x optical zoom lens and is able to accurately identify specific details of a scene.
 The flexible operator control of Pan/Tilt/Zoom functions allows the images transmission over Ethernet with H.264/AVC and MJPEG compression, certified ONVIF, Profile S.
 The unit can deliver from 2 to 4 H.264/AVC or MJPEG streams simultaneously, up to a total of 20Mbps depending on the unit configuration.
 The ULISSE COMPACT HD response to operator commands is immediate.
 The camera has Day/Night functionality for high image quality in low light conditions. Moreover the optional integrated LED illuminator delivers round-the-clock clear images of the area.
 Thanks to the built-in wiper, the images result always perfectly clear; wide choice of tanks with washer pump available with different capacities and delivery heights.
 ULISSE COMPACT HD can withstand to harsh external environments, ensuring high speed and accurate target detection at any time, with zero maintenance.
 Thanks to its characteristics of reliability, robustness and accuracy, this positioning unit is the ideal solution for demanding security applications, including: traffic and highways control, borders, stadiums and industries surveillance, prisons, military installation and perimeter surveillance.



ULISSE COMPACT HD + LED ILLUMINATOR



ULISSE COMPACT HD



ULISSE COMPACT HD + UCCMA

TECHNICAL DATA**GENERAL**

Constructed from aluminium and tecnopolymer
 Epoxypolyester powder painting, RAL9002 colour
 Easy installation thanks to the self-centring connector
 Zero backlash
 Quick configuration and setup
 Dynamic positioning control system
 Functions: Autopan, Preset, Patrol, Tour (maximum 1), Autoflip
 Maximum number of presets: 250

MECHANICAL

Cable glands: 2xM16, 2xM12
 Horizontal rotation: continuous
 Vertical rotation: from -90° to +90°
 Horizontal speed (variable): from 0.1°/s to 200°/s
 Tilt speed (variable): from 0.1°/s to 200°/s
 Preset accuracy: 0.05°
 Unit weight: 12.5kg (28lb) (13kg / 28.7lb with LED illuminator)

CAMERA

Day/Night Full HD 20x
 Image Device: 1/2.8 type Exmor™ CMOS sensor
 Effective Pixels: approx. 2 million
 Minimum Illumination:
 • Color 1.7lx, B/W 0.3lx at F1.6, 50 IRE (Normal mode)
 • Color 0.5lx, B/W 0.095lx at F1.6, 50 IRE (High Sensitivity mode)
 Lens: f=4.7 mm (wide) ~ 94.0 mm (tele), F1.6 to F3.5
 Zoom: 20x (240x with digital zoom)
 Horizontal Viewing Angle: 55.4° (wide end) to 2.9° (tele end)
 Minimum object distance: 10mm (wide) ~ 1,000 mm (tele)
 Electronic Shutter: 1/2 to 1/10,000 s, 21 steps
 White balance: Auto, ATW, Indoor, Outdoor Auto, Sodium Vapor Lamp (fix/auto), One-Push, Manual
 Gain: Auto/Manual/Max. Gain Limit (-3 to 28 dB, 2 dB steps)
 Wide Dynamic Range: Auto/Manual
 Focus System: Auto (Sensitivity: normal, low), One-push AF, Manual, Infinity, Interval AF, Zoom trigger AF
 Picture Effects: E-flip, Black & White, Mirror image, Color enhancement
 Exposure Control: Auto, Manual, Priority (shutter priority and iris priority), Bright, Slow AE
 S/N Ratio: more than 50 dB

VIDEO

Compression H.264/AVC and MJPEG
 2 independent video streams Full HD or 4 independent video streams depending on the configuration
 Image resolution: from FullHD to 352x240 in 18 steps
 Selectable frame rate from 1 to 30 images per second (ips)
 Web Server
 Certified ONVIF, Profile S

ELECTRICAL

Power supply/Current consumption:
 • 230Vac, 0.4A, 50/60Hz
 • 24Vac, 4A, 50/60Hz
 • 120Vac, 0.8A, 50/60Hz
 Power consumption:
 • 40W, P&T stopped, heating switched off
 • 60W, P&T in motion, heating switched off
 • 125W, peak at start-up, heating switched on

Power consumption with illuminator on:

- 55W, P&T stopped, heating switched off
- 75W, P&T in motion, heating switched off
- 140W, peak at start-up, heating switched on

Input cables size: AWG 16-19

Dimensions of signal cables: AWG 16-30

I/O alarm card

- Alarm inputs: 1
- Relay outputs: 1 (1A, 30Vac/60Vdc max)

LED illuminator

10° or 30° horizontal beam
 Wavelength: 850nm, 940nm, white light
 Auto power on through integrated sensor or by VMS
 The camera and the light beam are factory aligned
 The pre-installed illuminator does not slow down the P&T's rotation speed

NETWORK

Connection Ethernet port LAN 10/100T

NETWORK PROTOCOLS

ONVIF, Profile S
 For device configuration: TCP/IPv4, UDP/IPv4, HTTP, NTP, DHCP, WS-DISCOVERY
 For streaming: RTSP, RTP, RTCP, RTP

ENVIRONMENT

Indoor/Outdoor
 Operating temperatures (with heater): -40°C (-40°F)/+50°C (122°F)
 Wind resistance
 • 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

CE: EN60950-1, EN60950-22, EN61000-6-3, EN50130-4
 CE: EN55022, Class A
 CE: EN60529 IP66
 FCC Part 15, Class A
 cULus Listed, Type 4X (Version with white light LED illuminator excluded)

ACCESSORIES

UPTJBUL	Junction weatherproof box for cables connexion (according UL norm)
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

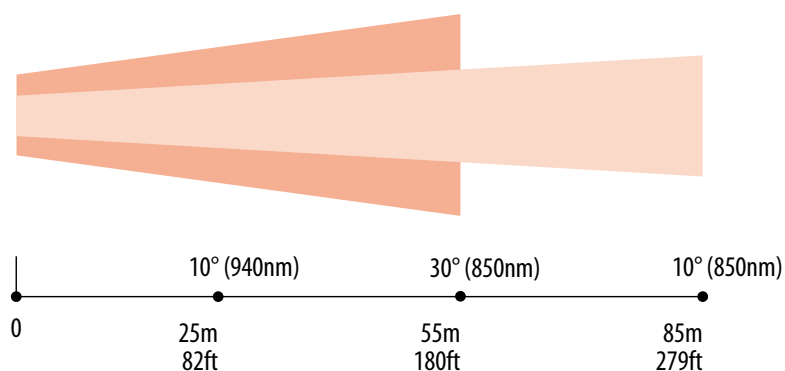
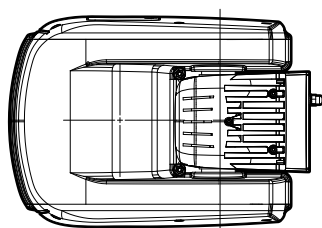
UPTWBA	Wall bracket with internal cable channel
UPTWBTA	Parapet bracket with internal cable channel
UCCMA	Ceiling bracket for upside down mounting and working of ULISSE COMPACT

PACKAGE

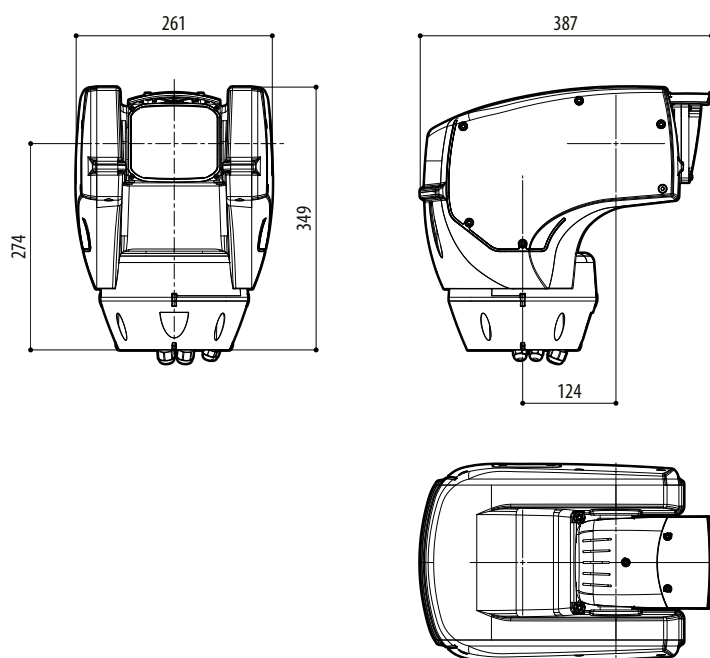
Model Number	Weight	Dimensions (WxHxL)	Master carton
UCHD1HWA00A	16.5kg (36lb)	66x33x57cm (26x13x22in)	-

ULISSE COMPACT HD- CONFIGURATION OPTIONS										
	Voltage		Options			Video output				
UCHD	1	230Vac	H	Day/Night camera 20X zoom, FullHD	W	With wiper, 1 input, 1 output	A	Z	Compression H.264/AVC, ONVIF protocol, Profile S	00A
	2	24Vac			N	With wiper, 1 input, 1 output, IR LED illuminator 10°, 940nm				
	3	120Vac			U	With wiper, 1 input, 1 output, IR LED illuminator 30°, 850nm				
					T	With wiper, 1 input, 1 output, IR LED illuminator 10°, 850nm				
					Z	With wiper, 1 input, 1 output, LED illuminator 30°, white light				

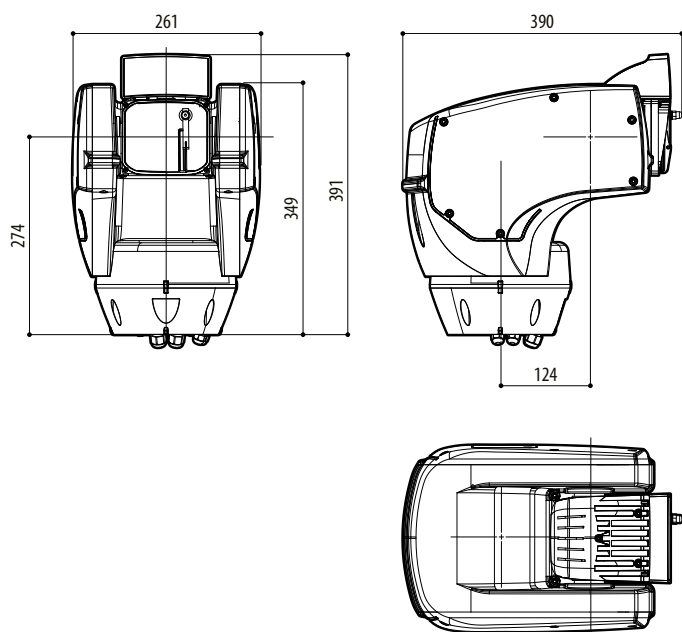
IR LED
850nm,
940nm



The distances and the performance depend on the environmental light conditions.

TECHNICAL DRAWINGS*Sizes in millimeters.*

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