








E-ULISSE-36X-230VAC-W IP66 Rugged Day/Night PTZ Camera

-  Colour - Day/Night
-  36X Optical
-  ALARM I/O
-  Integrated WIPER
-  IP66
-  OSD
-  230 VAC



INTRODUCTION

The **E-ULISSE** is a rugged PTZ camera for outdoor surveillance in harsh environments. Manufactured of die-cast aluminium and ABS plastic, this product integrates a pan/tilt with PTZ driver and Sony 36x Camera Module. Applications include mining, perimeter & coastal surveillance, prison, defence and traffic surveillance.

FEATURES

- * 36x Sony Day/Night AutoFocus Camera Module
- * Ultra-Stable Platform For Long Range Surveillance
- * ABS Plastic & Aluminium Construction
- * High Speed Pan/Tilt
- * Slip Ring Cable Management
- * Pelco-D, Macro or Sensormatic Protocol
- * 250 PTZ Presets
- * 4 Alarm Input Presets
- * 230VAC Operation
- * Integrated Wiper
- * IP66 Weatherproof

ULTRA-STABLE PLATFORM

The special mechanical design of the E-ULISSE means that it provides an ultra-stable platform for long range video surveillance. Video images have minimal or no 'shake' even when surveying objects 1~4 KM's away (platform dependent).

FULL 360 DEGREE CONTINUOUS ROTATION

Due to the use of slip-rings, the E-ULISSE is able to continuously rotate 360° horizontally without any cables getting tangled. This feature improves overall reliability and rotational performance.

HIGH SPEED PAN/TILT

High speed, the E-ULISSE has a variable pan speed up to 100°/sec and a tilt speed up to 40°/sec. The unit's high speed performance is equivalent to the best high speed dome cameras available today. With a -90° and +40° vertical tilt, this camera can be used for surveillance above the standard horizontal axis.

PRESETS

The E-ULISSE has integrated support for auto panning, patrols and presets. Preset accuracy is 0.02° with up to 250 supported in the factory mode. Four alarm inputs and two relay outputs are featured for automated action. On alarm, the PTZ camera can be configured to move to a preset position or to start a patrol. A home preset automatically parks the camera in a preset home position after a pre-defined period of time. This is useful in situations where the camera needs to be re-positioned to cover an important area.

SONY CAMERA MODULE

Featuring a high quality Sony Camera Module, the E-ULISSE provides optimum day and night operation. With a Sony Ex-View 1/4" CCD the unit has 36x Optical zoom lens. This lens provides a wide field of view of 54° and a 2.2 telephoto capability. Pan/Tilt control can be configured to proportionally adjust according to the zoom range. An integrated mechanical day/night filter makes the camera IR sensitive. The day/night switch over can be configured for a set level of brightness.

ENVIRONMENTAL ACCESSORIES

The E-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 wiper is fitted to the unit allowing the user to remotely clean the housing window. This makes it ideal for installations where the camera is installed in hard-to-get-to places or dusty environments where the camera window needs to be cleaned several times a day. As an optional accessory, the E-ULISSE can be provided with a washer and pump set. Two different pumps are available, a standard model and a high delivery model. Both models have a 25 litre reservoir and articulated nozzle. The E-ULISSE receives an alarm input signal from the reservoir when the water is on empty. This is then displayed on the camera's on-screen-display for operator warning. The E-ULISSE also outputs a signal to start the reservoir's water pump when needed. This signal is controlled via the aux function on the keyboard or via software control.

SPECIFICATIONS - COMMUNICATION

Main Control Port	RS485
Baud Rate	300, 600, 1200, 2400, 4800, 9600, 19200, 38400 (selectable)
Daisy Chain RS485 Loop Through	Yes
RS232 Port	Yes (for PC config and firmware upgrade)
ID Codes	255 (Addressable Via Dip-Switches)
Supported Comms Protocols	Pelco-D, Macro & Videotec

SPECIFICATIONS - ENVIRONMENTAL

Operating Temp	-20~50°C
Wind Resistance (Static)	200km/hour to wind
Wind Resistance (Rotating at max speed)	125km/hour to wind
Wind Resistance (Rotating at limited speed)	160km/hour to wind
Resistance to Salt Air Fog	According to EN50130-5 and EN60068-2-52
Weatherproof Rating	IP66

SPECIFICATIONS - POWER

Operating Power	230VAC 50Hz (120W max)
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E-Ulisse
with washer
nozzle**SPECIFICATIONS - GENERAL**

Construction	Die-Cast Aluminium & Plastic ABS
Cable Management	Slip-Ring
Limits	Electronic Limit Switches
Color	RAL9002
Weatherproof Rating	IP66

SPECIFICATIONS - CAMERA

Zoom Lens	36 x Optical
Lens Focal Length	3.4 ~ 122.4mm
Aperature	F1.6~F4.8
Digital Zoom	312x
Lens Angle of View	55° (wide) to 2.3° (tele)
CCD	Sony Ex-View
Resolution	480TVL
S/N Ratio	Greater than 50dB
Infra-Red Filter	Mechanical
Day/Night Switch Over	Configurable by brightness level
Minimum Illumination (colour)	1 lux (F1.6)
Electronic Shutter	1/50.000 to 1/100.000sec
Focus Modes	Auto, Low/Normal Sensitivity
Backlight Compensation	Yes (on/off selectable)
Video Output	1 Vp~p 75 ohm
Privacy Mask	Yes (24 positions with 8 blocks)

SPECIFICATIONS - MECHANICAL

Cable Glands	3 Removable M16 Cable Glands
Horizontal Rotation	Continuous 360°
Vertical Rotation	+90°, -40°
Pan Speed	0.1~100°/sec (Variable)
Tilt Speed	0.1~40°/sec (Variable)
Horizontal Static/Dynamic peak torque	20Nm
Vertical Static/Dynamic peak torque	20Nm
Presets	128 standard or 250 (When Macro Factory Protocol Used)
Preset Accuracy	0.02°
Dimensions	724 x 258 x 514mm (H x W x L)
Weight	16Kg



E-ULISSE-WTHD-25-230



E-ULISSE-WT-25-230

ORDERING INFORMATION

MODEL	Description
E-ULISSE-36X-230VAC	IP66 DAY/NIGHT PTZ Camera with Verso Plastic Polymer Housing - 1/4" Sony CCD Camera Module, 36x optical zoom - 230VAC Operation
E-ULISSE-36X-230VAC-W	IP66 DAY/NIGHT PTZ Camera with Verso Plastic Polymer Housing - 1/4" Sony CCD Camera Module, 480TV lines, 36x optical zoom - 230VAC Operation - With Wiper Option
E-ULISSE-WB	Wall Mount Bracket for E-ULISSE-36X-230VAC PTZ Camera & E-ULISSE-36X-24VAC PTZ Camera
E-ULISSE-PB	Parapet Mount Bracket for E-ULISSE-36X-230VAC PTZ Camera & E-ULISSE-36X-24VAC PTZ Camera