

- Unit comprehensive of Sony day/night camera in outdoor enclosure, P&T head and telemetry receiver
- 36x optical zoom capability
- Dynamic video masking of different areas
- Smart lens control
- High-Performance Digital Signal Processing (DSP)
- Auto ICR (IR cut-filter removal)
- Available version with encoders



UPT1PVWA000C



*ULISSE integrates a high performance P&T head with a day/night Sony camera, an outdoor housing, and a telemetry receiver\*. It reduces the need for several devices and combines superb picture quality with high-performance positioning for demanding security and monitoring applications.*

*The Sony block camera combines an incredibly high 36x optical zoom and Auto ICR capability with a 1/4 type EXView HAD CCD for high sensitivity in low light environments. The camera features a wide field of view of 57,8° and a 1,7° telephoto capability.*

*When used in combination with its 12x digital zoom, the total zoom capable is up to 432x. Users can zoom in on small or distant objects with exceptional clarity.*

*Furthermore, it is possible to proportionally control the zoom so the pan and tilt continually increase or decrease speed in proportion to the distance of the zoom.*

*Thanks to the ULISSE's integrated block camera, dynamic video masking of different areas is possible. Both the size and the position of the masked areas will adjust proportionally in relation to the zoom and pan/tilt. This is an important feature when ULISSE is used in wide-area monitoring applications.*

*An easy on screen set-up of a maximum of 24 masking areas to any of 160 horizontal and 120 vertical masking blocks with up to eight block positions can be selected.*

*The camera incorporates a smart lens control technology that monitors lens focus position during zoom and automatically compensates for mechanical misalignments which may occur over long periods of continuous usage. Furthermore, with the new slow AE response function, the camera can adapt to abrupt changes in light while capturing fine image details.*

*For optimised sensitivity in both day and night-time shooting applications, the camera incorporates an Auto ICR function, which is effective in a variety of lighting conditions. With a set level of darkness, the "IR Cut Filter" is disabled automatically or by alarm contact (ICR ON); the infrared sensitivity is increased. Some ULISSE versions are supplied with brackets for the installation of two infrared illuminators allowing for excellent night surveillance.*

\* for full specs on the positioning unit please check "ULISSE, positioning unit" data sheet.

# ULISSE CAMERA

## POSITIONING UNIT WITH INTEGRATED CAMERA



### TECHNICAL DATA

ULISSE								
Model	PAL block camera	NTSC block camera	Sunshield	Power supply 230Vac	Power supply 24Vac	Wiper	IR bracket	Encoders
UPT1PVSA000C	•		•	•				
UPT2PVSA000C	•		•		•			
UPT1PVWA000C	•		•	•		•		
UPT2PVWA000C	•		•	•		•		
UPT1NVSA000C		•	•	•				
UPT2NVSA000C		•	•		•			
UPT1NVWA000C		•	•	•		•		
UPT2NVWA000C		•	•		•	•		
UPT2PVDA000C	•		•		•	•		•

### GENERAL

For missing specs refer to "ULISSE" data sheet, standard version

High performance digital signal processing (DSP)

36x optical zoom capability

Enhanced spherical Privacy zone masking

Smart Lens Control

Auto ICR mode

Integrated camera

Image Sensor: 1/4 type EXview HAD CCD

Number of Effective Pixels: Approx. 440.000 pixels

Min. night Illumination (ICR ON): 0,01 Lux / 1/4sec. (NTSC), 1/3sec. (PAL) typical

Min. day Illumination (ICR OFF): 0,1 Lux / 1/4sec. (NTSC), 1/3sec. (PAL) typical

Slow AE response function

S/N Ratio: More than 50dB

Electronic Shutter: 1/4 to 1/10,000 Sec 20 steps

AE Control: Auto, Manual, Priority mode, Bright, EV compensation, Backlight compensation

Back Light Compensation: On/Off

Upgraded 3-D "Spherical Privacy Zone Masking"

Privacy Zone Masking: On/Off (24 positions)

8 Maximum number of masking blocks to be displayed

Resolution of masking blocks: 160x120 HxV

Max 14 colours to be preset for masking

Focusing System: Auto (Sensitivity: Normal, Low), One-Push AF, Manual, Zoom Trigger AF

Video Output: VBS: 1.0Vpp (sync negative)

Sony is a registered trademark of Sony Corporation, Japan. EXview HAD is a registered trademark of Sony Corporation

### LENS

"Smart" Lens Control (Sony Modular Automatic Lens Reset Technology)

High Telephoto Zoom and Wide Horizontal Field of View Capability

Lens: 36x Optical Zoom, f=3.4 (wide) to 122.4mm (tele), F1.6 to F4.5

Digital Zoom: 12x (432x with optical zoom)

Angle of View (H): 57.8 degree (wide end) to 1.7 degree (tele end)

Min. Object Distance: 320mm (wide end) to 1500mm (tele end)

Electronic Shutter Speed: from 1/3 up to 1/100.000sec for PAL version, from 1/4 up to 1/100.000sec for NTSC version

Power consumption: 6 to 12Vdc, 1.6W (motors inactive), 4W (motors active)

### ACCESSORIES

UPTH2 Reinforced heater for low temperatures, 30W (encoders version excluded)

UPTWBA Wall bracket with internal cable channel

UPTWBTA Parapet bracket with internal cable channel

### RELATED PRODUCTS

PTCC1 Pole mount adaptor for UPTWBA

WCWGC Corner adaptor for UPTWBA

DCJ Matrix, Mux and Telemetry Control Keyboard with three axis joystick

DCT Matrix, Mux, DVR and Telemetry Control Keyboard touch screen equipped with three axis joystick

UPTWAS01B Reservoir 25l with pump, 230Vac

UPTWAS02B Reservoir 25l with pump, 24Vac

UPTWASA01B Reservoir 25l with pump, high delivery up to 30m, 230Vac

### ENVIRONMENT

Indoor / Outdoor

Operating temperature with heater: -20°C / +50°C [-4°F / +122°F]

Operating temperature with heater: -30°C / +50°C [-22°F / +122°F]

### COMPLIANCE TO

CE according to EN60950, EN61000-3-2 and EN50130-4

FCC part 15

IP66 according to EN60529



**Unit Weight:**  
UPT1PVSA000C 16.3kg / 36lb

**Package Weight:**  
UPT1PVSA000C 19.5kg / 43lb

**Package Dimension (BxHxL):**  
UPT1PVSA000C 66x33x57cm / 26x13x22.5in

**Master Carton:**  
UPT1PVSA000C -