

- Unit comprehensive of housing, P&T head and telemetry receiver
- Two infrared LED illuminators for the night surveillance
- Available with/without camera and with/without wiper\*
- IP66
- Variable speed: 0.1°-40°/s Pan and 0.1°-30°/s Tilt
- OSM configuration
- Multiprotocol

*ULISSE has been specifically created for applications of video surveillance in external environments.*



UPT1PVTA000C + UPTWBTA + IR20BD

*This new positioning system is made up of a high performance P&T head, camera housing, and telemetry receiver. Furthermore, it integrates a bracket for two infrared LED illuminators.*

*The rotation on the horizontal axis reaches +/-160° with a variable speed up to 40°/s while the amplitude on the vertical axis varies from -90° to +40° with a max speed of 30°/s.*

*ULISSE controls the functions of autopan and patrol with a tracking accuracy of 0.02° on preset positions recalled. Preset positioning and zoned areas can be labelled with a maximum of 20 characters. Patrol sequences can also be varied with different speed settings in order to customize a perfect patrol pattern.*

*4 local alarm inputs and two relay outputs allow for intelligent local action (Scanning to a specific preset or patrol sequence on alarm) and the switching in IR mode (only for integrated block camera versions).*

*To allow an optimal functioning of the on board electronics, the housing is equipped with thermostatically controlled heater and sunshield.*

*The housing can be supplied, as option, with a built-in wiper which does not interfere with the viewing range of the installed camera.*

*Available versions with or without block camera and with or without integrated wiper.*

*In addition to the On Screen Menu set-up, the system is equipped with an RS232 interface allowing the possibility to update to the latest firmware version.*

*The positioning system is controlled through a RS485/RS422. The telemetry signal can be transmitted in an active way for chain configuration of several ULISSE units together.*

*Multiple communication protocols are embedded.*

*The positioning unit can be used in several kinds of installations, such as: coast and border patrol, harbour control, urban settings, highway and traffic monitoring, stadiums, industries, prisons or military applications, and perimeter surveillance.*

*The correct unit working is guaranteed only with the use of IRBD-series IR LED illuminators.*

\* for further specs on the block camera, refer to the technical data sheet "ULISSE CAMERA, Positioning unit with integrated camera".

# ULISSE WITH IR LED ILLUMINATORS

## POSITIONING UNIT FOR DAY AND NIGHT SURVEILLANCE



### TECHNICAL DATA

#### ULISSE

| Model        | PAL block camera | NTSC block camera | Sunshield | Power supply 230Vac | Power supply 24Vac | Wiper | IR bracket |
|--------------|------------------|-------------------|-----------|---------------------|--------------------|-------|------------|
| UPT1SVRA000C |                  |                   | •         | •                   |                    |       | •          |
| UPT2SVRA000C |                  |                   | •         |                     | •                  |       | •          |
| UPT1SVTA000C |                  |                   | •         | •                   |                    | •     | •          |
| UPT2SVTA000C |                  |                   | •         |                     | •                  | •     | •          |
| UPT1PVRA000C | •                |                   | •         | •                   |                    |       | •          |
| UPT2PVRA000C | •                |                   | •         |                     | •                  |       | •          |
| UPT1PVTA000C | •                |                   | •         | •                   |                    | •     | •          |
| UPT2PVTA000C | •                |                   | •         |                     | •                  | •     | •          |
| UPT1NVRA000C |                  | •                 | •         | •                   |                    |       | •          |
| UPT2NVRA000C |                  | •                 | •         |                     | •                  |       | •          |
| UPT1NVTA000C |                  | •                 | •         | •                   |                    | •     | •          |
| UPT2NVTA000C |                  | •                 | •         |                     | •                  | •     | •          |

#### GENERAL

Build in die-cast aluminium and ABS  
 Epoxypolyester powder painted 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  
 Supplied with instruction manual

#### MECHANICAL

Horizontal rotation limited to +/-160°  
 Vertical rotation from -90° to +40°  
 Variable pan speed: from 0.1°/s up to 40°/s  
 Variable tilt speed: from 0.1°/s up to 30°/s  
 Internal usable area (BxHxL): 104x70x280mm (4.1x2.7x11in)  
 Glass window (WxH): 118x75mm (4.6x2.9in)

#### ELECTRICAL/VIDEO

Input voltage: 230Vac or 24Vac, 50/60Hz, 120W  
 Integrated housings heater: 24Vac, 20W max  
 Integrated housing with wiper option: 24Vac, 50/60Hz, 7W consumption  
 Camera output: 12Vdc, 800mA  
 Lens output: 6-15Vdc, max 200mA  
 Only for polarity inversion lenses  
 Autopan, Preset, Patrol  
 250 max preset selectable (Videotec Macro Protocol)  
 20 characters string for Area and Preset titling  
 Preset accuracy: 0.02°

#### COMMUNICATIONS

OSM configuration  
 RS232 interface for PC control set-up and firmware upgrade  
 Two RS485 ports for daisy chain configuration, RS422  
 Addressable through dip-switch up 255 units

#### PROTOCOL

MACRO  
 PELCO D  
 SENSORMATIC  
*Pelco e Sensormatic are registered trademarks.*

*Ulisse may be interfaced with equipment not manufactured by Videotec. It is possible that the interface protocols have changed or are in a different configuration from earlier tested units. Videotec recommends a bench test prior to installation. Videotec will not be liable for any installation costs or lost revenues in the event a compatibility problem will occur.*

#### ACCESSORIES

|        |                                                                             |
|--------|-----------------------------------------------------------------------------|
| IR10BD | Infrared LED illuminator 10° 12-24Vac/dc                                    |
| IR20BD | Infrared LED illuminator 20°, 12-24Vac/dc                                   |
| IR60BD | Infrared LED illuminator 60°, 12-24Vac/dc                                   |
| IRPSBD | Power supply IN 230Vac, OUT 24Vac for IRBD series infrared LED illuminators |

# ULISSE WITH IR LED ILLUMINATORS

## POSITIONING UNIT FOR DAY AND NIGHT SURVEILLANCE



|                         |                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------|
| <b>UPTWBA</b>           | Wall bracket with internal cable channel                                                       |
| <b>UPTWBTA</b>          | Parapet bracket with internal cable channel                                                    |
| <b>RELATED PRODUCTS</b> |                                                                                                |
| <b>PTCC1</b>            | Pole mount adaptor for UPTWBA                                                                  |
| <b>WCWGC</b>            | Corner adaptor for UPTWBA                                                                      |
| <b>SM42A-82A</b>        | Matrix 4/8 input and 2 output                                                                  |
| <b>SM84A-164A</b>       | Matrix 8/16 input and 4 output                                                                 |
| <b>SM328A</b>           | Matrix 32 input and 8 output                                                                   |
| <b>DCJ</b>              | Matrix, Mux and Telemetry Control Keyboard with three axis joystick                            |
| <b>DCT</b>              | Matrix, Mux, DVR and Telemetry Control Keyboard touch screen equipped with three axis joystick |
| <b>UPTWAS01B</b>        | Reservoir 25l with pump, 230Vac                                                                |
| <b>UPTWAS02B</b>        | Reservoir 25l with pump, 24Vac                                                                 |
| <b>UPTWASA01B</b>       | Reservoir 25l with pump, high delivery up to 30m, 230Vac                                       |

### ENVIRONMENT

Indoor / Outdoor

Operating temperature with heater, without block camera: -20°C / + 50°C  
(-4°F / +122°F)

Operating temperature with heater, with block camera: -20°C / + 40°C  
(-4°F / +104°F)

### COMPLIANCE TO

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

FCC part 15

IP66 according to EN60529

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INTEGRATED  
POSITIONING UNITS



#### Unit Weight:

**UPT1SVRA000C** 16.8kg / 37lb

**UPT1SVTA000C** 17.3kg / 38lb

**UPT1PVRA000C** 16.8kg / 37lb

**UPT1PVTA000C** 17.3kg / 38.1lb

#### Package Weight:

**UPT1SVRA000C** 20kg / 44.1lb

**UPT1SVTA000C** 20.5kg / 45.2lb

**UPT1PVRA000C** 20kg / 44.1lb

**UPT1PVTA000C** 20.5kg / 45.2lb

#### Package Dimension (BxHxL):

**UPT1SVRA000C** 66x33x57cm / 26x13x22.5in

**UPT1SVTA000C** 66x33x57cm / 26x13x22.5in

**UPT1PVRA000C** 66x33x57cm / 26x13x22.5in

**UPT1PVTA000C** 66x33x57cm / 26x13x22.5in

#### Master Carton:

**UPT1SVRA000C** -

**UPT1SVTA000C** -

**UPT1PVRA000C** -

**UPT1PVTA000C** -

