



- Germanium window glass
- Unit comprehensive of housing, P&T head and telemetry receiver
- Continuous rotation
- Variable speed: 0.1°-100°/s Pan and 0.1°-40°/s Tilt
- OSM configuration
- Multiprotocol
- IP66
- Patented



*ULISSE with Germanium glass has been developed for applications with thermal cameras. The clear Germanium glass composition with remarkable properties covers transmission from 7.5 to 14µm IR range with the best optical quality. The positioning unit can be used in several kinds of installations, such as: fire monitoring and rescue, public safety, intruder monitoring (harbour, airport, dam, river), industrial monitoring, environment monitoring, military purposes, marine (port and harbour surveillance, vessel navigation), night vision security surveillance, etc.*

*ULISSE positioning system integrates a high performance P&T head with camera housing and telemetry receiver.*

*The rotation on the horizontal axis is continuous with a variable speed up to 100°/s while the amplitude on the vertical axis varies from -90° to +40° with a max speed of 40°/s.*

*ULISSE controls the functions of autopan and patrol with a tracking accuracy of 0.02° on preset positions upon recall. 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 2 relay outputs allow for intelligent local action (scanning to a specific preset or patrol sequence on alarm). It is equipped with thermostatically controlled heater and sunshield assuring an optimal operating temperature.*

*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.*

# ULISSE FOR THERMAL CAMERAS

## POSITIONING UNIT WITH GERMANIUM GLASS



### TECHNICAL DATA

#### ULISSE FOR THERMAL CAMERAS

Model	Sunshield	Power supply 230Vac	Power supply 24Vac
<b>UPT1SVGA000C</b>	•	•	
<b>UPT2SVGA000C</b>	•		•

#### GENERAL

Germanium glass Window  
 Build in die-cast 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  
 Supplied with instruction manual

#### MECHANICAL

3 removable cable glands M16  
 Horizontal continuous rotation  
 Vertical rotation -90° to +40°  
 Variable pan speed: from 0.1° up to 100°/s  
 Variable tilt speed: from 0.1° up to 40°/s  
 Internal usable area: see drawings  
 Internal usable area with reversed slide: see drawings

#### Germanium glass Window

2mm [0.07in] thick, Ø 70mm [2.8in] external, Ø 55mm [2.1in] internal  
 External non-scratch treatment (hard carbon coating)  
 Internal antireflection treatment  
 Spectral range from 7.5 to 14µm IR range  
 Average transmission from 7.5 to 11.5µm, 94%  
 Average transmission from 11.5 to 14µm, 90%

#### ELECTRICAL/VIDEO

Input voltage: 230Vac or 24Vac, 50/60Hz, 120W max  
 Housing standard heater 24Vac, 20W max  
 Camera output: 12Vdc, 800mA  
 Lens output: 6-15Vdc, max 200mA  
 Only 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°  
 Use only cameras with composite video output 1Vpp-750hm

#### COMMUNICATIONS

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

#### PROTOCOL

MACRO  
 PELCO D  
 SENSORMATIC  
 VISTA

*Pelco, Sensormatic and Vista 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

**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  
**SM42A-82A** Matrix 4/8 input and 2 output  
**SM84A-164A** Matrix 8/16 input and 4 output  
**SM328A** Matrix 32 input and 8 output  
**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

#### ENVIRONMENT

Indoor / Outdoor  
 Operating temperature with heater: -20°C / +60°C [-4°F / +140°F]

#### Wind Resistent

- Withstand statically 150km/h [93,2mph] to wind
- Withstand dynamically and operationally with the maximum rotating speed in 90km/h [55,9mph] wind conditions
- Withstand dynamically and operationally with limited rotating speed in 120km/h [74,6mph] wind conditions

Resistant to the salt-air fog according to EN50130-5 and EN60068-2-52

#### COMPLIANCE TO

CE according to EN60950, EN61000-3-2 and EN50130-4  
 FCC part 15  
 IP66 according to EN60529

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**Unit Weight:**  
**UPT1SVGA000C** 16,3kg / 36lb

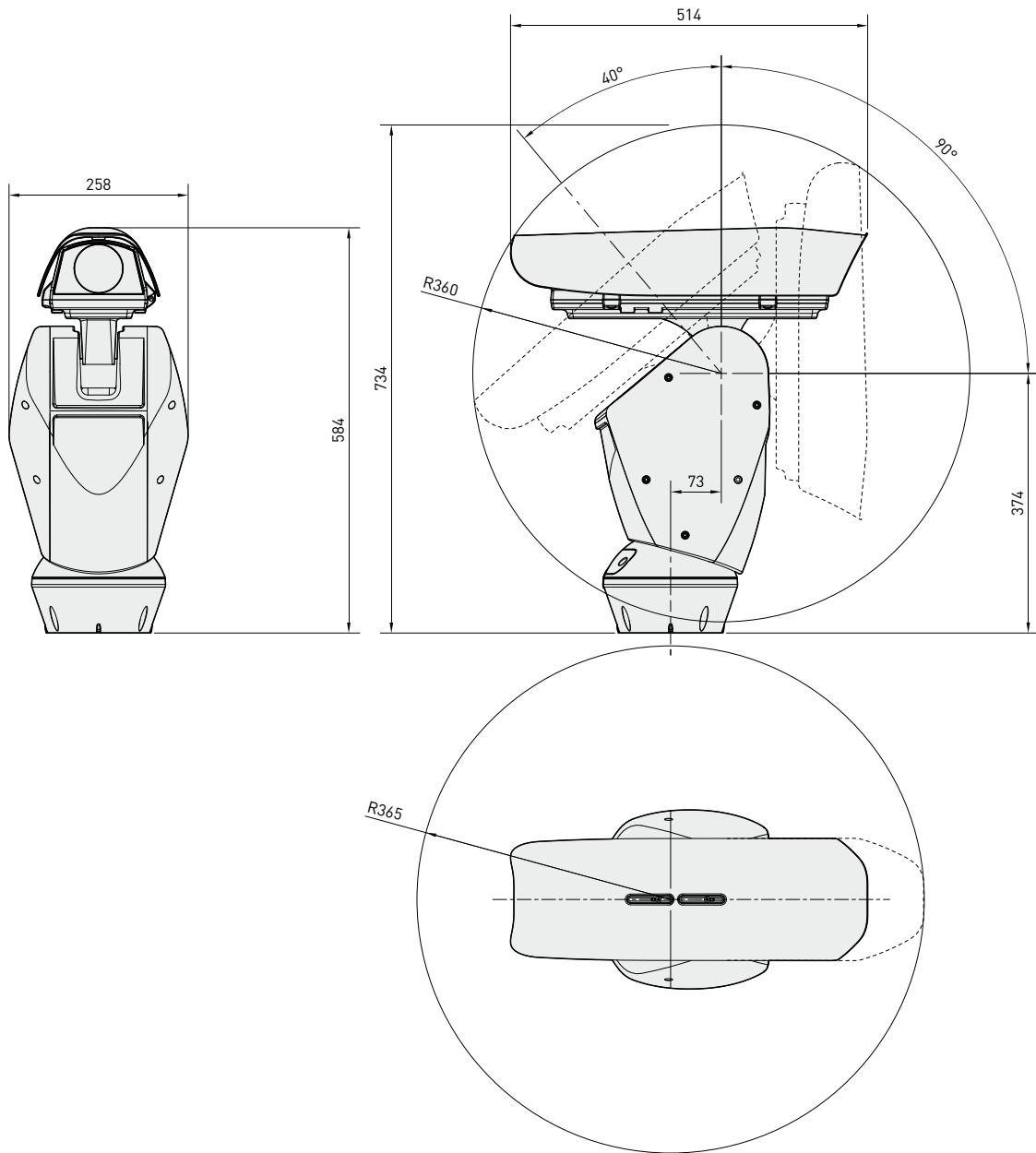
**Package Weight:**  
**UPT1SVGA000C** 19,5kg / 43lb

**Package Dimension (BxHxL):**  
**UPT1SVGA000C** 66x33x57cm / 26x13x22.5in

**Master Carton:**  
**UPT1SVGA000C** -

# ULISSE FOR THERMAL CAMERAS

## POSITIONING UNIT WITH GERMANIUM GLASS

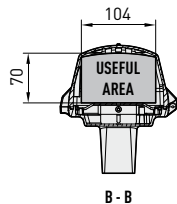
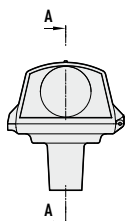


The values are in millimeters.

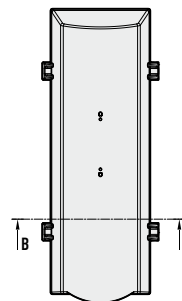
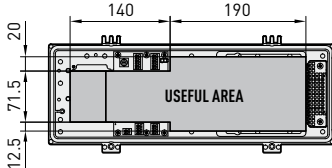
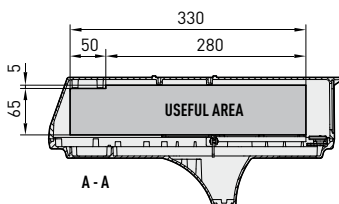


# ULISSE FOR THERMAL CAMERAS

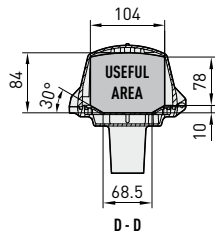
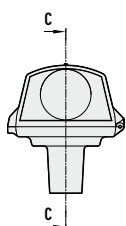
## POSITIONING UNIT WITH GERMANIUM GLASS



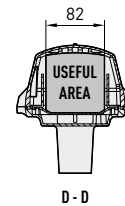
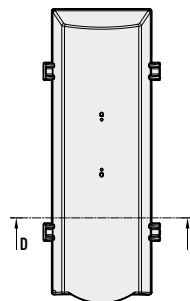
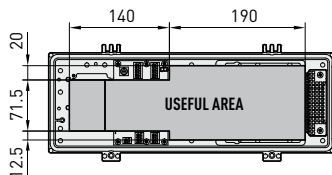
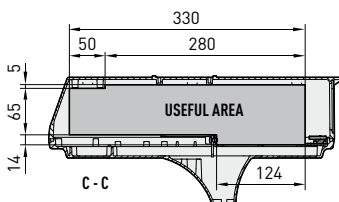
HOUSING USEFUL AREA  
WITH SLIDE IN STANDARD POSITION



HOUSING USEFUL AREA  
WITH REINFORCED HEATER  
AND SLIDE IN STANDARD POSITION



HOUSING USEFUL AREA  
WITH REVERSED SLIDE



HOUSING USEFUL AREA  
WITH REINFORCED HEATER  
AND SLIDE IN STANDARD POSITION

The values are in millimeters.

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