DATASHEET

PTX200TH
PAN&TILT positioning unit -Thermal- made of AISI 316L stainless steel

- Sturdy AISI 316L stainless steel construction
- 'Top mount' system
- Analog and IP ready
- Housing with Germanium filter for thermal camera
- IP66/IP67 weatherproof rating
- Easy installation

Pan & tilt unit made of AISI 316L stainless steel

The **PTX200TH** P&T unit is made of sturdy AISI 316L stainless steel with electropolishing treatment, that makes the product high resistant and suitable for marine and/or aggressive environments. Some of its peculiar features are: the high speed of both horizontal and vertical movements (up to 50°/sec), the maximum precision and the connection versatility. This P&T unit is ready to be connected to both analog and IP cameras; in the latter case, all the PELCO-D protocol commands are sent to the camera that has to be ONVIF-S compliant.

The PTX200TH P&T unit is equipped with a housing with Germanium filter for thermal camera. The exclusive *PTZ Controller* software, that is provided as standard equipment, allows the management and configuration of all the presets, in order to obtain the best system performance.

There is a wide range of accessories available: wall bracket, pole adaptor, corner adaptor, etc.

GLOBAL PROOF S.r.l.
Via dell'Industria, 10   36013 Piovene Rocchette (VICENZA)   -ITALY-
phone +39.0445.396190   fax +39.0445.395000   email: **info@globalproof.it**   home page : **www.globalproof.it**

DATASHEET

TECHNICAL DATA

GENERAL

Material	AISI 316L stainless steel
Finishing	electropolishing
Horiz. movement (Pan)	360° (continuous rotation)
Vert. movement (Tilt)	180° (+/- 90°)
Electronically adjustable speed	Pan: 0 < 50°/s
	Tilt: 0 < 50°/s
Max. precision	+/- 0,1°
Operating temperature	from –30°C to +60°C (from -22°F to +144°F) (with heater ON)
Weatherproof rating	IP66/IP67
Cable entry	no.3 M16x1,5 metal cable glands
	no.1 M25x1,5 metal cable gland
Dimensions	(see technical drawings on the next page)
Material	25Kg. (without the camera)

ELECTRICAL

Power	220/240Vac 50/60Hz - 0,5A
	110/120Vac 50/60Hz - 1,1A
	24Vac 50/60Hz -5A
Consumption	100W max. 20W typical (with P&T unit ON) **PTX200SH** single head with heater ON: max. 60W

CONNECTION INTERFACE

Compatible with IP cameras with *RS485* serial port and *Onvif profile S* communication protocol.

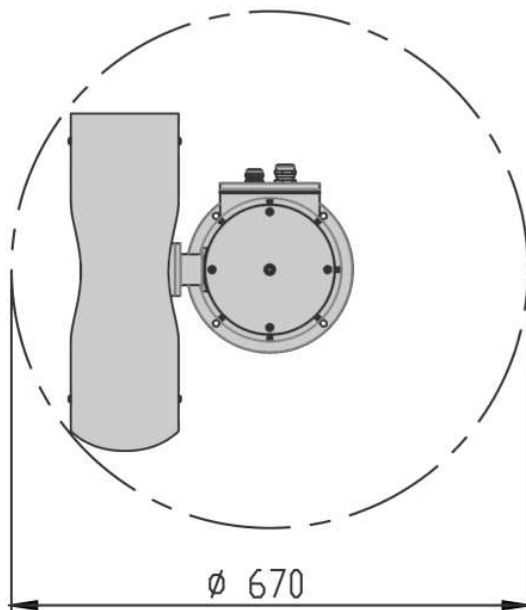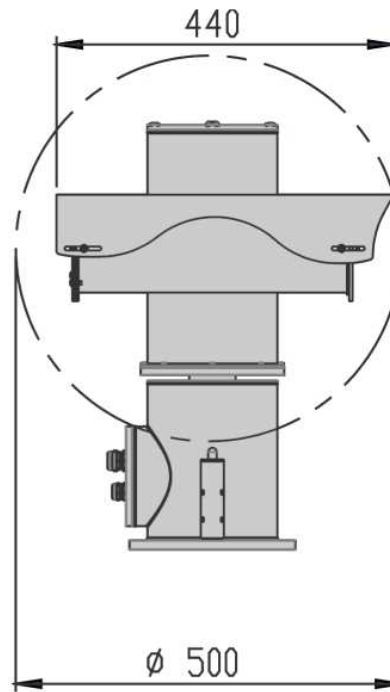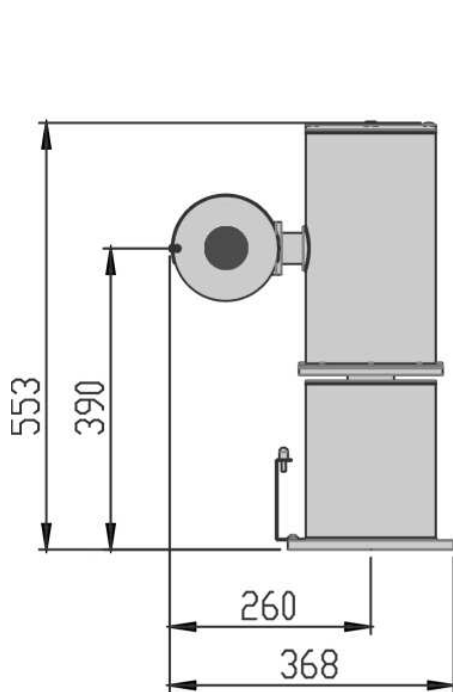|	
Serial interface	RS485 with Pelco D protocol
Ethernet interface	Ethernet 10/100 Base-T (8 wires)
	BNC connector (as an alternative)
Input alarm	1 input (10-35Vdc)
Output alarm	1 open collector output (max. 35Vdc – 0,5A)

GERMANIUM FILTER

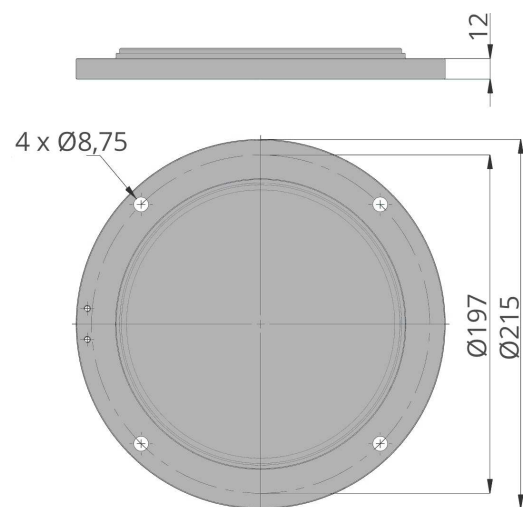|	
Germanium filter	Useful window Ø35mm (Ø55mm on request)
	Antireflection treatment
	External anti-scratch treatment (carbon coating).
	Spectral range: from 7,5 µm to 14 µm.

ACCESSORIES

ST200	wall bracket
SP/CB	pole mount adapter
SA/CB	corner mount adapter

CCTV EQUIPMENT

TECHNICAL DRAWINGS

DRILLING PATTERN FOR FIXING THE PTX200

All the dimensions are expressed in millimeters.

GLOBAL PROOF reserves the right to change specifications and technical features without notice; weights and dimensions are indicative.

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