

AmEx PTZ²⁸

Datasheet.

Features.

Explosion proof stainless steel PTZ positioning system

The system has been certified and designed to meet the rigorous requirements for installations in hazardous areas where flammable gases and powders may be present.

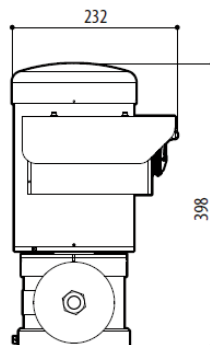
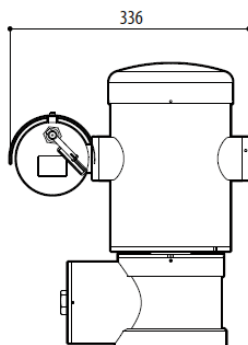
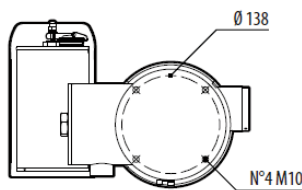
It provides an exceptional performance for the monitoring of critical processes in areas at risk of explosion and is therefore the best choice for video surveillance in the chemical, oil and gas industries.

The extreme ruggedness and the low maintenance make these products suitable to be used in extreme environments, offering a quality product that exceeds all expectations.

- Electropolished AISI 316L stainless steel explosion proof P&T head
- Variable speed: 0.1°-100°/s Pan and Tilt
- Continuous Pan rotation, Tilt rotation -90°/+90°
- Day/Night camera 28x
- Multiprotocol RS485/ RS422 serial interface
- Dynamic video masking of different areas
- Day/night (Auto ICR: automatic removal of IR filter)

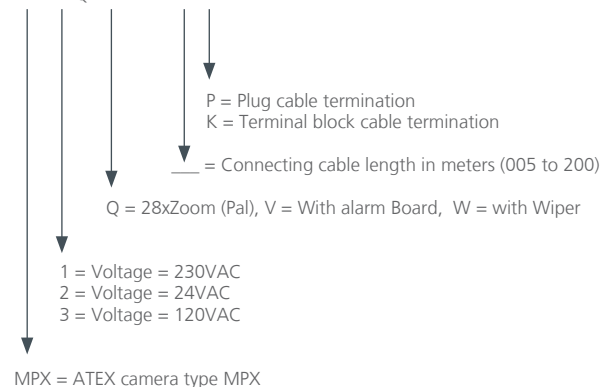


Dimension.



Models.

MPX-X-QVW000A-XXX-X



General Data

AISI 316L stainless steel construction
 Passivated and electropolished external surface
 Quick configuration and setup
 Dynamic positioning protocol system

Mechanical characteristics

Zero backlash
 Horizontal rotation: Continuous
 Vertical rotation: -90 to +90°
 Variable PAN speed: 0.1°/s to 100°/s
 Variable TILT speed: 0.1°/s to 100°/s
 Preset accuracy: 0.02°
 Weight: 27kg
 Protection level: IP 66 (IEC / EN 60529)

Electrical

Input voltage: 230VAC (1) or 24VAC (2) or 120VAC (3)
 Video output: CVBS (75OHM 1Vpp)
 Control Interface: RS422, RS485
 Surge immunity: Up to 2KV line to line, up to 4KV line to earth (Class 4)

Video

Optical zoom: 28x, f=3.5mm (wide) to 98mm (tele) / F1.35 to F3.7
 Digital zoom: 12x
 Wide Dynamic Range: No
 Progressive scan: No
 Digital image stabilisation: No
 White balance: Auto, ATW, Indoor, Outdoor (Fix/Auto), Sodium Vapor lamp (Fix/Auto)
 Horizontal resolution: Up to 550TV Lines
 Day/Night (Auto/IRC): Yes
 Image sensor: 1/4 Super HAD CCD II
 Effective sensor pixels: Approx. 440,000
 Minimum night illumination: 0.0015 Lux (IRC Off 1/3 s)
 Minimum day illumination: 0.16 Lux (IRC On 1/3 s)
 Auto shutter: Yes
 S/N ratio: 50dB plus
 AE control: Automatic, Shutter Priority, Diaphragm Priority, Brightness Priority and Manual
 Backlight compensation: On/Off
 Privacy masking: Yes (24 positions, max 8 Blocks 160x120)
 Focus system: Auto, Trigger, PTZ, Manual
 Lens control: Sony Auto lens system
 Angle of view: 55.8° (wide) to 2.1° (tele)
 Minimum object distance: 10mm (wide) to 1500mm (tele)
 Electronic iris speed: 1/1s - 1/10000s

Functions

General: Autopan, Present (99),
 Autoflip, Patrol, Tour (3),
 Autoflip
 I/O Card: 5 DI, 2 DO (1A 30VAC/60VDC max)

Communication

OSD: Yes
 Protocol: Pelco-D (standard), Panasonic,
 Videotec MARCO, Ernitec, American Dynamics

Explosion protection:

Declaration of conformity ATEX : DIN EN 60079- 0:2009 , DIN EN 60079- 1:2007, DIN EN 60079-31:2009

Marking according to directive 94/9/EG:

 II 2G (zone 1 and 2)

 II 2D (zone 21 and 22)

Explosion protection (gas): Ex d IIC T6 Ta -40°C to 60°C Gb
 Explosion protection (dust): Ex tb IIIC T85°C Ta -40°C to 60°C Db
 Protection level: IP 66 (IEC / EN 60529)

Declaration of conformity IECEx :

Explosion protection (gas): IEC 60079- 0:2007 ,IEC 60079- 1:2007, IEC 60079-31:2008
 Explosion protection (dust): Ex d IIC T6 Ta -40°C to 60°C Gb
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