



AXIPTZ-5IR

AXIPTZ-5IR EXPLOSION-PROOF & WEATHER RESISTANT PTZ CAMERA STATION WITH IR ILLUMINATOR

FEATURES

- Stainless Steel 316L or 304 with Electro polished or corrosion resistant paint finish for maximum corrosion protection
- Certified to ATEX Ex d IIC T6 (ATEX Directive 94/9/EC)
- Fully Integrated Receiver, Pan/Tilt, Enclosure, Wiper System, IR Illuminator (LED up to 100 meters or Laser up to 350 meters) and Integrated Optics Package (IOP)
- Pelco D/P standard. Vicon Protocol upon request
- Supports Advanced OSD Menu
- Choice of 18X, 23X, 26X, 35X & 36X Sony/Hitachi Zoom Camera modules
- Pan Rotation : 360° Continuous
- Tilt Rotation : Unobstructed +90° ~ -90°
- Pan / Tilt Speed : 0.1°/S ~ 25°/S
- Weather Resistant to IP68 (1.2 Mtrs) & NEMA 6 & 6P Standards
- Designed for ease of installation and minimal maintenance
- 2 meters 6 core non-armoured composite cable lead supplied with unit. Other lengths available upon request.
- Double Sunshield included
- Optional auto-heater & wall mount bracket

WHEN SAFETY AND PERFORMANCE MATTERS

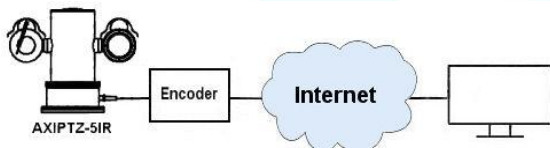
AVEX CCTV's AXIPTZ-5IR Explosion proof PTZ Camera Station with IR Illuminator provides safe and reliable surveillance in **ATEX Zone 1** areas.

APPLICATIONS

The AXIPTZ-5IR is designed and ATEX certified for use in hazardous area locations and areas with extreme weather conditions such as:

- Chemical Plants
- Petrochemical Plants
- Off shore Drilling Rigs
- Land-based Drilling Rigs
- Gas Plants
- Tankers and Tanker Depots
- Fueling Stations
- Bulk Loading Stations
- Fertilizer Plants
- Defense & Aero-Space Installations
- Munitions Storage Depots
- Liquefied Natural Gas Terminals
- Oil & other Refineries
- Oil & Gas Metering Facilities
- Paint & Varnish Manufacturing Plants
- Grain Processing & Similar Industries

Typical IP Solution



PRODUCT BRIEF

The AXIPTZ-5IR is an improved and innovative explosion proof PTZ camera station which combines pan/tilt, enclosure, telemetry receiver, IR illuminator, wiper system and camera into one fully integrated easy to install and maintain unit. No external wiring between pan/tilt and both housings.

Standard supply of the AXIPTZ-5IR includes one 6 core non-armoured composite cable of 2 meters length and cable nut as well as two sunshields. The AXIPTZ-5IR incorporates both Pelco D & P protocols and various baud rates for easy integration with most controllers. Vicon protocol is available upon request. The camera station can be either base or wall mounted with optional wall mount bracket.

IP SOLUTION

While the AXIPTZ-5IR is an analog system, converting it into an IP SOLUTION and connecting it on a network is easily achieved using a encoder housed in a explosion proof, weatherproof or indoor enclosure. For more details, please contact us.

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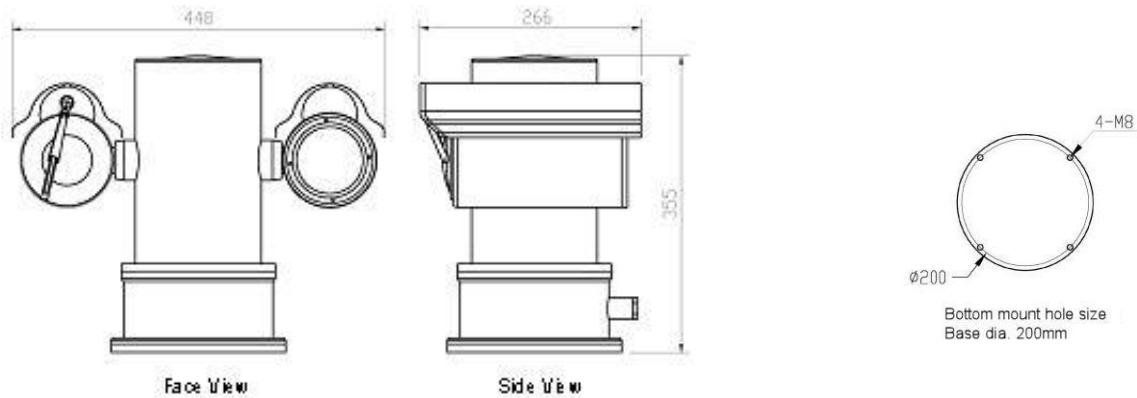
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WORLDWIDE DISTRIBUTION – Contact us for a list of representatives in your area





ELECTRICAL

Input Voltage	110 ~ 230 VAC, 50/60 Hz
Input Voltage Range	±10%
Power	100W max
Current	<1A
Electrical Connection	6 core Composite Cable

COMMUNICATION

Communication	RS-485
Communication rate	2400 / 4800 / 9600 / 19200 bps
Protocol	Pelco D / P std, Vicon on request
Preset	128
Preset Accuracy	±0.1°
Video Output	1.0±0.2Vp-p / 75Ω

IR ILLUMINATOR

	LED	LASER
Projection Distance	100 Meters	350 Meters
Projection Angle	9°	0.7° - 18°
Wavelength	830nm	808nm (+/- 4nm)
Control Method	Auto / Manual	
Working Voltage	12 VDC	
Power Consumption	18W	3W

CAMERA OPTIONS

Sony or Hitachi 18X, 23X, 26X, 35X, 36X Block Cameras

WARRANTY

Standard 12 months warranty. For extended warranty, please contact us.

COMPLIANCE

Sira 08ATEX1309
 ATEX II 2 GD Ex d IIC T6 (ATEX Directive 94/9/EC)
 CE 0518
 IP 68 / Nema 6 & 6P (Note: This is NOT a underwater camera)

GENERAL

Construction / Finish	Stainless Steel 316L with electro-polish finish or Stainless Steel 304 with choice of electro-polish or corrosion resistant paint finish
Unit / Ship Weight	29 / 31 Kgs

MECHANICAL

Pan Movement	360° Continuous Pan Rotation
Vertical Tilt	+90° ~ -90° Unobstructed
Pan / Tilt Speed	0.1°/S ~ 25°/S
Mounting	Base (Standard) or Wall (Optional)

ENVIRONMENT

Air Pressure	86 ~ 106KPa
Temperature	-40°C to +60°C
Humidity	≤95%RH (+25°C)

ACCESSORIES - OPTIONAL

- 6 Core Standard Composite Cable supplied in cut lengths or 200, 500 & 1000 meter drums.
- 8 Core (Flame Retardant to IEC60332 part 1 & 2) Stainless Steel Wire Braided (SWB) Composite Cable supplied in 500 or 1000 meter drums. No cut lengths.
- Wall mount bracket
- Auto-Heater (Activates at -10°C)

ORDERING INFORMATION

AXIPTZ5IR - 316 - EP - 23X - LED - N - WB5 - N

MATERIAL	CODE
304 Stainless Steel	304
316L Stainless Steel	316

FINISH	CODE
Electro-Polish	EP
Corrosion Resistant Paint	CR

CAMERA	CODE
18X Optical	18X
23X Optical	23X
26X Optical	26X
35X Optical	35X
36X Optical	36X

IR ILLUMINATOR	CODE
LED	LED
Laser	LS

CABLE LEAD	CODE
2 Meters standard supplied with unit	N
10 Meters	6CS10
20 Meters	6CS20
30 Meters	6CS30

MOUNTING BRACKET	CODE
None	N
Wall Bracket	WB5

AUTO-HEATER	CODE
None	N
Auto-Heater	AH

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