



AGX IPTZ-5IR

**EXPLOSION-PROOF &
WEATHER RESISTANT
PTZ CAMERA STATION WITH
INFRA RED
ILLUMINATOR**



Product Description

Main 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

Product brief

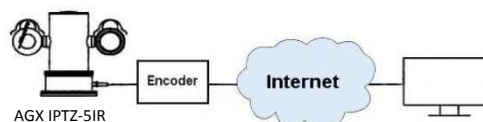
The AGX IPTZ-5IR is an improved and innovative explosion proof PTZ camera station which combines pan/tilt, enclosure, telemetry receiver, IR illuminator, wiper system and camera into one fully integrated easy to install and maintain unit. No external wiring between pan/tilt and both housings.

Standard supply of the AGX IPTZ-5IR includes one 6 core non-armoured composite cable of 2 meters length and cable nut as well as two sunshields. The AGX IPTZ-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 AGX IPTZ-5IR is a 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.

Typical IP Solution



Article no:

AGX IPTZ-5IR

Typical Applications

- | | |
|--|---|
| <ul style="list-style-type: none"> • Chemical Plants • Petrochemical Plants • Off shore Drilling Rigs • Land-based Drilling Rigs • Gas Plants • Tankers and Tanker Depots • Fueling Stations • Bulk Loading Stations | <ul style="list-style-type: none"> • 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 |
|--|---|

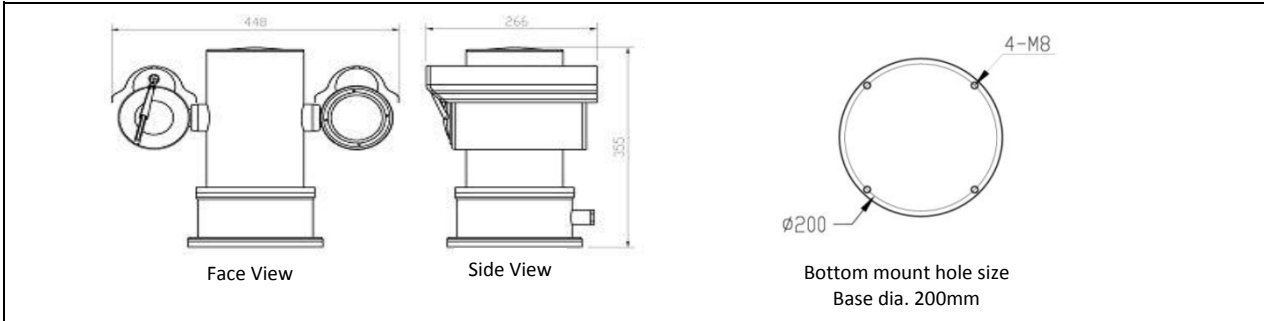
Contact:

sales@agilox.com
www.agilox.com



Technical Specifications

AGX IPTZ-5IR



ELECTRICAL		COMPLIANCE
Input Voltage	110 ~ 230 VAC, 50/60 Hz	Sira 08ATEX1309
Input Voltage Range	±10%	ATEX II 2 GD Ex d IIC T6 (ATEX Directive 94/9/EC)
Power	100W max	
Current	≤1A	CE 0518
Electrical Connection	6 core Composite Cable	IP 68 / Nema 6 & 6P (Not underwater camera)

COMMUNICATION		GENERAL	
Communication	RS-485	Construction / Finish	Stainless Steel 316L with electro-polish finish or Stainless Steel 304 with choice of electro-polish or corrosion resistant paint finish
Communication rate	2400 / 4800 / 9600 / 19200 bps		
Protocol	Pelco D / P std, Vicon on request		
Preset	128	Unit / Ship Weight	29 / 31 Kgs
Preset Accuracy	±0.1°		
Video Output	1.0±0.2Vp-p / 75Ω		

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

ENVIRONMENT		MECHANICAL	
Air Pressure	86 ~ 106KPa	Pan Movement	360° Continuous Pan Rotation
Temperature	-40°C to +60°C	Vertical Tilt	+90° ~ -90° Unobstructed
Humidity	≤95%RH (+25°C)	Pan / Tilt Speed	0.1°/S ~ 25°/S

CAMERA OPTIONS	ACCESSORIES - OPTIONAL
Sony or Hitachi 18X, 23X, 26X, 35X, 36X Block Cameras	<ul style="list-style-type: none"> • 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.
WARRANTY	
Standard 12 months warranty. Extended warranty possible.	<ul style="list-style-type: none"> • Wall mount bracket • Auto-Heater (Activates at -10°C)

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