

GVI-ATX0840IR (8MP - 40X) GVISION EXPLOSION PROOF TVCC CAMERA



La telecamera **GVI-ATX0840IR** è una soluzione avanzata per la sorveglianza professionale, capace di garantire immagini in risoluzione **4K** (3840x2160) e dettagli nitidi grazie allo **zoom ottico 40X** e alla sensibilità elevata in condizioni di scarsa luce (0.005Lux a colori e 0.001Lux in bianco e nero). Supporta compressione H.265 per ottimizzare l'archiviazione e include funzionalità intelligenti come rilevamento movimento, analisi perimetrale, gestione di oggetti smarriti o abbandonati, e riduzione del rumore 3D.

Grazie alla memoria espandibile fino a 256GB e alla compatibilità con protocolli ONVIF e GB28181, offre un'elevata flessibilità di configurazione. Progettata per resistere a condizioni climatiche estreme, con un intervallo operativo da -20°C a 60°C, è adatta sia per interni che per esterni ed è certificata **II 2 G Ex db IIC T6 Gb, Ex tb IIIC T80°C Db**

Caratteristiche Principali:

- Acciaio inossidabile 316L, certificata EX II 2 G Ex db IIC T6 Gb, Ex tb IIIC T80°C Db
- Grado di protezione IP68
- Conforme ONVIF VMS GeoVision e altri VMS in commercio
- Risoluzione massima: 8MP (3840x2160), zoom ottico 40x, zoom digitale 16x
- Funzione intelligente di velocità variabile, regolazione automatica della velocità PTZ in base alla profondità di campo
- Menu OSD integrato, interfaccia intuitiva e facile da usare
- Rotazione continua orizzontale a 360° e verticale ±90° con auto-flip
- Accessori opzionali: ventola, riscaldamento automatico, spray pulizia vetro ottico.
- Con IR 200 mt. con tergicristallo e funzione spray
- Adatto per ambienti estremi con gas o polveri esplosive, come quelli dell'industria petrolchimica, offshore, marina, stoccaggio carburanti, stazioni di servizio etc.



Specifiche

Camera	Image Sensor	1/1.8" Progressive Scan CMOS
	Minimum Illumination	Color:0.0005 Lux @ (F1.8, AGC ON); B/W:0.0001Lux @ (F1.8, AGC ON)
	Shutter	1/25s to 1/100,000s; Support delayed shutter
	Noise ratio	≥52dB
	Aperture	PIRIS
	Day/Night Switch	ICR cut filter
Lens	Focal Length	6.4~256mm, 40x Optical Zoom
	Aperture Range	F1.35-F4.6
	Horizontal Field of View	59-1.98° (wide-tele)
	Minimum Working Distance	100mm-1500mm (wide-tele)
	Zoom Speed	Approximately 4.5s(optical, wide-tele)
Compression Standard	Video Compression	H.265 / H.264
	H.265 Type	Main Profile
	H.264 Type	BaseLine Profile / Main Profile / High Profile
	Video Bitrate	32 Kbps~16Mbps
	Audio Compression	G.711a/G.711u/G.722.1/G.726/MP2L2/AAC/PCM
	Audio Bitrate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/16-64Kbps(AAC)
Image Maximum Resolution: 3840×2160)	Main Stream	50Hz: 25fps (3840×2160, 1920 × 1080, 1280 × 960, 1280 × 720); 60Hz: 30fps (3840×2160, 1920 × 1080, 1280 × 960, 1280 × 720)
	Third Stream	50Hz: 25fps (704 × 576); 60Hz: 30fps (704 × 576)
	Image Settings	Saturation, Brightness, Contrast and Sharpness can be adjusted via the client-side or browser
	BLC	Support
	Exposure Mode	AE / Aperture Priority / Shutter Priority / Manual Exposure
	Focus Mode	Auto Focus / One Focus / Manual Focus / Semi-Auto Focus
	Area Exposure / Focus	Support
	Defog	Support
	Day/Night Switch	Automatic, manual, timing, alarm trigger
	3D Noise Reduction	Support
	Picture Overlay Switch	Support BMP 24-bit image overlay, customizable area
	Region of Interest	Support three streams and four fixed areas
Network	Storage Function	Support micro SD / SDHC / SDXC card (256g) offline local storage, NAS (NFS, SMB / CIFS support)
	Protocols	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,RTP,RTSP,RTCP,NTP,SMTP,SNMP,IPV6

	Interface Protocol	ONVIF(PROFILE S,PROFILE G)
Illuminatore Infrarosso	Distanza	200 metri
Interface	External Interface	36pin FFC (Network port, RS485, RS232, CVBS, SDHC, Alarm In/Out Line In/Out, power)

○ Allarmi anomali

Supporta 1 ingresso di allarme e 1 uscita di allarme.

○ Integrazione :

Disponibile kit di sviluppo SDK e conforme ONVIF per un integrazione massima con terze parti.

○ Scenari applicabili:

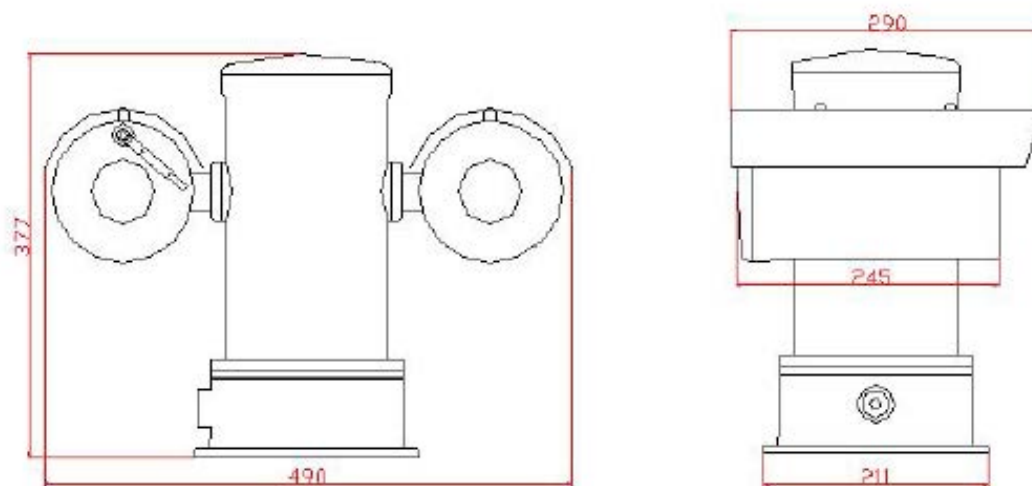
Viene utilizzato nell'industria energetica, nei centri di smaltimento chimico, nei magazzini di materiali combustibili, negli impianti petrolchimici, nelle miniere di carbone e in altri siti industriali per monitorare in tempo reale la temperatura di punti critici e prevenire eventi pericolosi.

Specifiche PTZ (Pan-Tilt-Zoom)

Modello	GVI-ATX0840
Grado di protezione IP	IP68 T80°C
Tensione di ingresso	AC220V-AC240V
Materiale	Acciaio inossidabile 316L
Temperatura/Umidità di lavoro	-20°C ~ +60°C, ≤90%RH
Intervallo di rotazione orizzontale (Pan)	360° continuous
Intervallo di inclinazione verticale (Tilt)	-90° ~ +90°
Velocità di rotazione orizzontale (Pan)	Configurable, from 0.1°/S~45°/S
Velocità di inclinazione verticale (Tilt)	Configurable, from 0.1°/S~45°/S
Azione di parcheggio	Scan//Frame Scan/Panorama Scan
Preset setting	256
Visualizzazione della posizione PTZ	ON/OFF
Consumo energetico	Max:50w
Dimensione	334 L×270 W×381 H mm
Peso	27kg
Imballaggio	Scatola di cartone con EPE all'interno

Le specifiche sono soggette a modifiche senza preavviso.

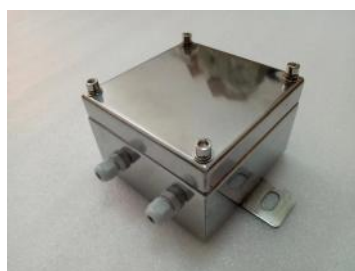
Dimensioni



Pack



Accessori



Scatola di giunzione



Tubo flessibile

Info Ordine

Codice Prodotto	Nome Prodotto
SKU#GVI-ATX0840-101	IP camera system
SKU#Junctionbox-100.	Junction box
SKU#pipe-1m-100	flexible pipe 1m
SKU#pipe-2m-101	flexible pipe 2m

GVI-ATX0840IR (8MP - 40X) GVISION EXPLOSION PROOF TVCC CAMERA



The **GVI-ATX0840IR** camera is an advanced solution for professional surveillance, capable of delivering **4K** resolution images (3840x2160) and sharp details thanks to its **40X optical zoom** and high sensitivity in low-light conditions (0.005Lux in color and 0.001Lux in black and white). It supports H.265 compression to optimize storage and includes intelligent features such as motion detection, perimeter analysis, management of lost or abandoned objects, and 3D noise reduction.

With expandable memory up to 256GB and compatibility with ONVIF and GB28181 protocols, it offers high configuration flexibility. Designed to withstand extreme weather conditions, with an operating range from -20°C to 60°C, it is suitable for both indoor and outdoor use, and it is Certified **II 2 G Ex db IIC T6 Gb, Ex tb IIIC T80°C Db**.

Main features:

- Stainless steel 316L, Certified EX II 2 G Ex db IIC T6 Gb, Ex tb IIIC T80°C Db
- Certified IP68
- ONVIF compliant, compatible with GeoVision VMS and other commercial VMS systems
- Maximum resolution: 8MP (3840×2160), 40x optical zoom, 16x digital zoom
- Intelligent variable speed function, automatic PTZ speed adjustment based on depth of field
- Built-in OSD menu, intuitive and user-friendly interface
- Continuous 360° horizontal rotation and ±90° vertical tilt with auto-flip
- Optional accessories: fan, automatic heating, optical glass cleaning spray
- With IR 200 mt. and wiper, spray function
- Suitable for extreme environments with explosive gases or dust, such as petrochemical, offshore, marine, fuel storage facilities, gas stations, and more.



Camera Specification:

Camera	Image Sensor	1/1.8" Progressive Scan CMOS
	Minimum Illumination	Color:0.0005 Lux @ (F1.8, AGC ON); B/W:0.0001Lux @ (F1.8, AGC ON)
	Shutter	1/25s to 1/100,000s; Support delayed shutter
	Noise ratio	≥52dB
	Aperture	PIRIS
	Day/Night Switch	ICR cut filter
Lens	Focal Length	6.4~256mm, 40x Optical Zoom
	Aperture Range	F1.35-F4.6
	Horizontal Field of View	59-1.98° (wide-tele)
	Minimum Working Distance	100mm-1500mm (wide-tele)
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	Image Settings	Saturation, Brightness, Contrast and Sharpness can be adjusted via the client-side or browser
	BLC	Support
	Exposure Mode	AE / Aperture Priority / Shutter Priority / Manual Exposure
	Focus Mode	Auto Focus / One Focus / Manual Focus / Semi-Auto Focus
	Area Exposure / Focus	Support
	Defog	Support
	Day/Night Switch	Automatic, manual, timing, alarm trigger
	3D Noise Reduction	Support
	Picture Overlay Switch	Support BMP 24-bit image overlay, customizable area
	Region of Interest	Support three streams and four fixed areas
Network	Storage Function	Support micro SD / SDHC / SDXC card (256g) offline local storage, NAS (NFS, SMB / CIFS support)
	Protocols	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,RTP,RTSP,RTCP,NTP,SMTP,SNMP,IPV6

	Interface Protocol	ONVIF(PROFILE S,PROFILE G)
IR	Distance	200 meters
Interface	External Interface	36pin FFC (Network port, RS485, RS232, CVBS, SDHC, Alarm In/Out Line In/Out, power)

○ **Abnormal alarms**

Support 1 alarm input and 1 alarm output

○ **Development Interface:**

Provide SDK development kit, rich interfaces, compatible with mainstream factory monitoring platforms, convenient for secondary development and integration

○ **Applicable Scenarios:**

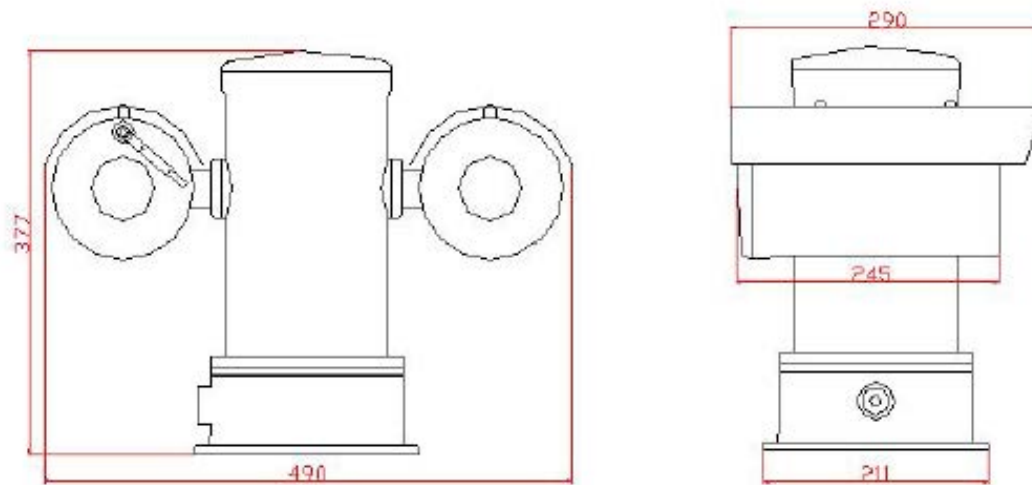
It is used in the power industry, chemical disposal centers, combustible warehouses, petrochemical plants, coal mines and other industrial sites, etc., to monitor the temperature of key locations in real time to prevent dangerous events.

PTZ Specifications

Model	GVI-ATX0840
IP Grade	IP68 T80°C
Input Voltage	AC220V-AC240V
Material	Stainless steel 316L
Working Temperature/Humidity	-20°C ~ +60°C, ≤90%RH
Pan Range	360° continuous
Tilt Range	-90°~+90°
Pan speed	Configurable, from 0.1°/S~45°/
Tilt speed	Configurable, from 0.1°/S~45°/
Park Action	Scan//Frame Scan/Panorama Scan
Preset setting	256
Power Consumption	ON/OFF
Consumo energetico	Max:50w
Dimension	334 L×270 W×381 H mm
Weight	27kg
Packing	Carton box with EPE inside

Specifications are subject to change without prior notice.

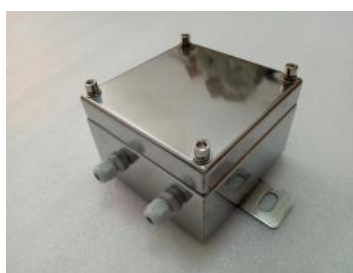
Dimension



Pack



Accessories



Junction box



flexible pipe

Order Info

Product Code	Product Name
SKU#GVI-ATX0840-101	IP camera system
SKU#Junctionbox-100.	Junction box
SKU#pipe-1m-100	flexible pipe 1m
SKU#pipe-2m-101	flexible pipe 2m