



GE-PTZ 193VIW/E/Panoramic 2.8mm&4.8-12mm

6MP, IP66, 25X Polar Day Panoramic, AEW, PTZ Camera



Pro series



KEY FEATURES

- **Panoramic Camera**
- Housing (Metal+ Plastic)
- 1/1.8" CMOS
- Up to 6 MP (3840x1568) @30fps
- Horizontal: 190°±10°, Vertical: 75°±10°
- IP66
- Min. illumination Color: 0.0001 LUX@F1.0
- **Detail Camera**
- Auto-Tracking Early Warning (AEW)
- Up to 2560x1440 @ 30fps
- Optical Zoom: 25x, digital zoom 16x
- Support 3D Position





SPECIFICATIONS

Image	
Max. Resolution	Panorama:3840×1568@30fps Detail:2560×1440@30fps
Main Stream	Panorama: PAL:25fps (3840×1568,3632×1480) NTSC:30fps (3840×1568,3632×1480) Detail: PAL:25fps (2560×1440,2304×1296,1920×1080,1280×720) NTSC:30fps (2560×1440,2304×1296,1920×1080,1280×720)
Sub Stream	Panorama: PAL:25fps (1200×488,960×392) NTSC:30fps (1200×488,960×392) Detail: PAL:25fps (704×576,704×288,352×288,640×360) NTSC:30fps (704×480,704×240,352×240,640×360)
Third Stream	Detail: PAL:25fps (704×576,704×288,352×288,640×480) NTSC:30fps (704×480,704×240,352×240,640×480)
BLC, HLC, AGC,3 DNR	Yes
White Balance	Auto/Semi-Auto/Manual/Sunshine/Nature Light/Warm light Lamp/Daylight Lamp/Filament Lamp/Lock White Balance
OSD	Panorama: 5 regions (Each region can have a maximum of 127 characters, up to 5 lines) ,16*16/32*32/48*48/64*64/96*96/adaptable size Detail: 5 regions (Each region can have a maximum of 127 characters, up to 5 lines),16*16/32*32/48*48/64*64/96*96/adaptable size; Vector/Lattice
Defog	Yes
ROI	Panorama: 7 fixed rectangles and 1 dynamic tracking focus area for each main and secondary stream Detail: 7 rectangular 3D fixed focus areas, supporting 1 rectangular dynamic tracking ROI
Regional Exposure, Demist, Regional Focus	Yes
Privacy Mask	Panorama: 8 regions Detail:24 regions (Up to 4 blocks in the same scene)
Flip	Detail: Normal/Horizontal Mirror/Vertical Mirror/Inverted Flip
Pan &Tilt	
Pan Range	0~360°
Pan Speed	Manual Speed:0.1°~200°/s Preset Speed:240°/s
Tilt Range	-16°~90° (Default -3°~90°)
Tilt Speed	Manual Speed:0.1°~120°/s Preset:180°/s
3D Position	Yes
Preset	500
Cruise	16, up to 32 presets per cruise
Scan	8
Pattern	8, each with 600s memory or 1000 orders
Scheduled Task	Preset, Cruise, Scan, Pattern , Alarm Out
Power-off Memory	Yes
North Point	Yes(Manual setting)



Camera

Image Sensor	Panorama:1/1.8"CMOS, Detail:1/2.7"CMOS
Min. Illumination	Panorama:0.0001lux, Detail:0.001Lux
Shutter Time	1s~1/100000s
Day & Night	IR-cut filter with auto switch (ICR)
Smart IR	Yes
WDR	Panorama: D-WDR, Detail:120dB
S/N	Panorama:42dB, Detail:39dB

Lens

Focal Length	Panorama:2.8, Detail: 4.8mm~54mm
Optical Zoom	25X
Digital Zoom	16X
Zoom Speed	<5s
Aperture Range	Panorama: F1.0 Detail: F1.67~F3.67
Aperture Type	Panorama: Fixed Detail: Auto(P-Iris)
Iris Control	Auto
Field of View	Panorama:190±10°(H) Detail:58°~2.8°(H); Panorama:75±10°(V) Detail:33.9°~1.7°(V); Panorama: N/A Detail:64.8°~3.3° (D)
Focus Control	Auto/Semi-auto/Manual
Close Focus Distance	Panorama:2000mm Detail:500mm~5000mm
DORI Distance	Panorama: Detect:45.5m Observe:18.1m Recognize:9.1m Identify:4.6m Detail: Detect:1980m Observe:785m Recognize:396m Identify:198m

Feature

General Alarm	Motion Detection; Mask Alarm; Alarm Input
Exceptions Alarm	Disk Full; Disk R/W Error; Recording Exception; IP Address Conflict; MAC Address Conflict; FTP Server Exception; Network cable disconnected
Linkage Method	Send Email; Trigger Sound; Trigger Warm light; Trigger Recording; Trigger Capture; Notify Surveillance Center; Alarm Output
Video Analytics	Panorama: Human/Vehicle Classification, Perimeter, Tripwire, Double Tripwire, Heatmap, Video Abnormal, Audio Abnormal Detail: Human/Vehicle Classification, Perimeter, Tripwire, Double Tripwire, Object Abandon, Object Missing, Loitering, Running, Parking, People Counting, Crowded Detection, Safety Helmet Detection, On Duty Detection, Video Abnormal, Audio Abnormal
Auto Early Warning (AEW)	Yes
Auto Tracking	Yes
Face Mode	Detail: Face Capture
Face Capture Performance	Detect up to 32 faces at the same scene; Capture up to 16 faces at the same scene;

Illuminator

IR LEDs	Detail:10
IR Distance	Detail:150m
Wavelength	Detail: 850nm
White LEDs	Panorama:3 Detail:4
White light Distance	Panorama:30m Detail: 30m
IR Irradiation Angle	Yes



Compression Standard	
Video Compression	S+265/H.265/H.264B/H.264M/H.264H/Motion JPEG
Video Bit Rate	32Kbps~16Mbps
Audio Compression	G.711A/G.711U/ADPCM_D/AAC_LC
Audio Sampling Rate	8KHz/32KHz/48KHz
Network	
ANR	Yes
Protocols	HTTP; HTTPS; TCP/IP; UDP; UPnP; ICMP; IGMP; SNMP v1\v2\v3; DHCP; DNS; DDNS; Easy DDNS; NTP; SMTP; TLS v1.2; SSL; 802.1X; QoS; IPv4; IPv6; PPPoE; SSH; Unicast; Multicast; RTCP; ARP; SRTP; FTP; SFTP
System Compatibility	P2P; ONVIF(Profile S/T/G/M); SDK; CGI; Milestone; RTSP; RTMP
Remote Connection	≤ 7
User / Host	Up to 32 users. 4 user levels
Client	Golden Eye VMS
Web	IE10+; Firefox52+; Edge89+; Safari11+; Chrome57+
Interface	
Communication Interface	1*RJ-45 (100/1000 Base-T)
Built-in Speaker	1,4Ω4W
On-board Storage	Built-in Micro SD card slot, up to 512 GB
Audio I/O	1*Input Impedance 1kΩ,2.0~2.4Vp-p; 1*Output Impedance 600Ω
Alarm I/O	2*Switching; 1*Switching, Voltage≤DC24V,Current≤1A
Reset Button	Yes
General	
Web Client Language	19 languages: English/ Spanish/Italian/Korean/Turkish/Russian /French/Dutch /Polish /Hebrew/Vietnamese/Arabic/German/Ukrainian/Portuguese/Albanian/ T- Chinese /S-Chinese/Thai
Operating Temperature	-30°C~65°C (-22°F~149°F)
Operating Humidity	≤95%RH
Storage Temperature	-30°C~65°C (-22°F~149°F)
Storage Humidity	10%~95%RH (non-condensing)
Power Supply	AC24V±25%\DC24V±10%; PoE:IEEE 802.3bt
Power Consumption	29W(IR OFF) ; 55W(IR ON)
Protection	Surge 4000V; ESD6000V; IP66
Material	Metal + Plastic
Boundary Dimensions	298mm(D)*375mm(H)
Package Dimensions	385(L)350(W)540(H)mm
Gross Weight	9.41 Kg
Net Weight	5.33 Kg

Design and specifications are subject to change for product improvements without prior notice