



GE-PTZ 188VIW

5MP, IP66,44X, Full Color, AEW, PTZ Camera



Pro series



KEY FEATURES

- Housing (Metal)
- IR Range Up to 200 Meter
- Up to 5 MP (3072x1728 @30 fps)
- Optical Zoom 44X
- IP66
- AC 24V $\pm 25\%$ \ DC24V $\pm 10\%$, PoE: IEEE 802.3bt
- Color: 0.0001 Lux @ (F1.6AGC ON) B/W:0Lux with IR
- S+265/H.265/H.264B/H.264M/H.264H/Motion JPEG
- Operating Conditions -40°C~70°C (-40°F~158°F), $\leq 95\%$ RH
- Support microSD/micro SDHC/micro SDXC card, up to 512GB
- Support smart surveillance, detect up to 32 faces at the same scene
- Support human/vehicle classification





SPECIFICATIONS

Image	
Max. Resolution	5MP,3072×1728@30fps
Main Stream	PAL:25fps (3072×1728,2688×1520,2560×1440,2304×1296,1920×1080,1280×960,1280×720), 50fps (1920×1080,1280×960,1280×720) NTSC:30fps(3072×1728,2688×1520,2560×1440,2304×1296,1920×1080,1280×960,1280×720), 60fps (1920×1080,1280×960,1280×720)
Sub Stream	PAL:25fps (704×576,704×288,640×360,352×288) NTSC:30fps (704×480,704×240,640×360,352×240)
Third Stream	PAL:25fps (1920×1080,1280×720,704×576,640×360,704×288,352×288) NTSC:30fps (1920×1080,1280×720,704×480,640×360,704×240,352×240)
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	5 regions (Each region can have a maximum of 127 characters, up to 5 lines); 16*16/24*24/32*32/48*48/64*64/96*96/adaptable size; Vector/Lattice
Privacy Mask	24 regions (Up to 4 blocks in the same scene)
Defog	Yes
ROI	7 rectangular 3D fixed focus areas, supporting 1 rectangular dynamic tracking ROI
EIS	Yes
Flip	Normal/Horizontal Mirror/Vertical Mirror/Inverted Flip
Regional Exposure	Yes
Regional Focus	Yes
Demist	Yes
Pan & Tilt	
Pan Range	0~360° (P)
Pan Speed	Manual Speed:0.1°~180°/s Preset Speed:240°/s
Tilt Range	-16°~90°(T) (Default -3°~90°(T))
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
North Point	Yes (Manual setting)
Power-off Memory	Yes
Preset Freezing	Yes



Camera	
Image Sensor	1/1.8"CMOS
Min. Illumination	Color:0.0001lux@ (F1.6, AGC ON), B/W:0lux with IR
Shutter Time	1s~1/100000s
Day & Night	IR-cut filter with auto switch (ICR)
Smart IR	Yes
WDR	120dB
S/N	40.6 dB
Lens	
Focal Length	6mm~264mm
Optical Zoom	44X
Digital Zoom	16X
Zoom Speed	<5s
Aperture Range	F1.6~F5.3
Aperture Type	Auto(P-Iris)
Field of View	59.2~2.5°(H); 34.6°~1.4°(V); 66.7~2.9°(D)
Focus Control	Auto/Semi-auto/Manual
Close Focus Distance	100mm~1000mm
DORI Distance	Detect:2414m Observe:958m Recognize:483m Identify:241m
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	Human/Vehicle Classification; Tripwire; Double Tripwire; Perimeter; Object Abandon; Object Missing; Heatmap; Loitering; Running; Parking; People Counting; Safety Helmet Detection; On Duty Detection; Video Abnormal; Audio Abnormal; Crowded Detection
Early Warning (EW)	Yes
Auto Tracking	Yes
Face Mode	Face Capture
Face Capture Performance	Best Face Size 60 Pixels; Minimum face size 19 Pixels; Best facial capture distance ≤100m; Detect up to 32 faces at the same scene; Capture up to 16 faces at the same scene; Capture rate ≥99%(continuous scene with 10 people or less); Gender 85%,age (±5) 85%,mask 90%,glasses 85%,beard 80% (Less than 10 people in view)
Illuminator	
IR LEDs	10
IR Distance	Up to 200m
Wavelength	850nm
White LEDs	4
White light Distance	50m
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; 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; ARP; RTP; SRTP; FTP; SFTP; RTSP; TCP; SMB; CIFS
System Compatibility	P2P; ONVIF(Profile S/T/G/M); SDK; CGI; Milestone; RTSP; RTMP; RTMP; HTTP PUSH
Remote Connection	≤ 7
User / Host	32users, Level 4:Admin/Browse/Browse +Control/Browse+ Control +Set
Client	Golden Eye VMS
Web	IE10+; Firefox52+; Edge89+; Safari11+; Chrome57+
Interface	
Communication Interface	1*RJ-45 (10/100 Base-T)
Additional Interfaces	RS-485
Built-in Speaker	1×Built-in Loudspeaker, 4Ω4W
On-board Storage	Support microSD/micro SDHC/micro SDXC card, up to 512GB
Reset Button	Yes
Audio I/O	1×input, two-core, max. input amplitude:3.3 Vpp, input impedance:1 KΩ, interface type: non-equilibrium; 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω, interface type: non-equilibrium
Alarm I/O	8×input, TTL,3mA,3.3VDC; 2×relay output,1A,24VDC
Wiper	Yes
General	
Web Client Language	19 languages Simple Chinese/English/Traditional Chinese/Spanish/Italian/Korean/Turkish/Russian/Thai/Polish/ French/Dutch/Hebraism/Vietnamese/Arabic/German/Ukrainian /Portuguese/Albanian
Operating Temperature	-40°C~70°C (-40°F~158°F)
Operating Humidity	≤95%RH
Storage Temperature	-40°C~70°C (-40°F~158°F)
Storage Humidity	10%~95%RH (non-condensing)
Power Supply	AC24V±25%\DC24V±10%; PoE: IEEE 802.3bt
Power Consumption	13.4W; 45W
Protection	Surge 4000V; ESD6000V; IP66
Material	Metal
Boundary Dimensions	222(D)372(H)mm
Package Dimensions	320(L)320(W)520(H)mm
Gross Weight	8.95 Kg
Net Weight	5.3 Kg

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