



GE-PTZ 188QIW /E++

5MP, IP66, 30X, Full Color, AEW, PTZ Camera



Pro series



KEY FEATURES

- Housing (Metal)
- IR Range Up to 200 Meter
- Up to 5 MP (2880x1620 @30 fps)
- Optical Zoom 30X
- IP66
- AC 24V $\pm 25\%$, DC24V $\pm 10\%$, PoE: IEEE 802.3bt
- Color: 0.001 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
- Built-in Micro SD card slot, up to 512 GB
- Support smart surveillance, detect up to 32 faces at the same scene
- Support human/vehicle classification





SPECIFICATIONS

Image	
Max. Resolution	5MP,2880×1620@30fps
Main Stream	PAL:25fps (2880×1620,2688×1520,2560×1440,2304×1296,1920×1080,1280×960,1280×720) NTSC:30fps (2880×1620,2688×1520,2560×1440,2304×1296,1920×1080,1280×960,1280×720)
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 (1920×1080,1280×960,1280×720,704×576,640×480,704×288,352×288) NTSC:30fps (1920×1080,1280×960,1280×720,704×480,640×480,704×240,352×240)
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
Flip	Normal/Horizontal Mirror/Vertical Mirror/Inverted Flip
Regional Exposure	Yes
Regional Focus	Yes
Demist	Yes
Pan Tilt	
Pan Range	360°
Pan Speed	Manual Speed:0.1°~180°/s Preset Speed:240°/s
Tilt Range	-16°~90° (Default -3°~90°)
Tilt Speed	Manual Speed:0.1°~120°/s Preset:120°/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



Camera	
Image Sensor	1/2.7"CMOS
Min. Illumination	Color:0.001lux@ (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	39 dB
Lens	
Focal Length	4.7 mm~141 mm
Optical Zoom	30 X
Digital Zoom	16X
Zoom Speed	<5s
Aperture Range	F1.6~F4.3
Aperture Type	Auto(P-Iris)
Field of View	61.9°~2.5°(H); 35.5°~1.4°(V); 69.1°~2.9°(D)
Focus Control	Auto/Semi-auto/Manual
Close Focus Distance	100mm~1500mm
DORI Distance	Detect:2600m Observe:1031m Recognize:520m Identify:260m
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; People Counting; Crowded Detection; Safety Helmet Detection; On Duty Detection; Video Abnormal; Audio Abnormal
Early Warning (EW)	Yes
Auto Tracking	Yes
Face Mode	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	10
IR Distance	Up to 200m
Wavelength	850nm
White LEDs	4
White light Distance	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 (10/100 Base-T)
Additional Interfaces	RS-485
Built-in Speaker	1,4Ω4W
On-board Storage	Built-in Micro SD card slot, up to 512 GB
Reset Button	Yes
Audio I/O	1*Input Impedance 1kΩ,2.0~2.4Vp-p; 1*Output Impedance 600Ω
Alarm I/O	8*Switching; 2*Switching, Voltage≤DC24V, Current≤1A
Wiper	Yes

General

Web Client Language	19 languages: English/Spanish/Korean/Chinese S/Chinese T/Italian/Turkish/Russian/Thai/French /Polish/Dutch/Hebrew/Arabic/Vietnamese/Farsi/ Portuguese/ German/ Ukrainian
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	18W (IR OFF); 42W (IR ON)
Protection	Surge 4000V; ESD6000V; IP66
Material	Metal
Boundary Dimensions	222mm(D)x372mm(H)
Package Dimensions	320(L)320(W)520(H)mm
Gross Weight	8.45 Kg
Net Weight	5.3 Kg

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