



GE-PTZ 172SIE/4.8-120mm

2MP, IP66, 25X, IR PTZ Camera



Pro series



KEY FEATURES

- Housing (Metal)
- Up to 2MP, 1920×1080@30fps
- Color: 0.001lux@ (F1.5, AGC ON), B/W: 0lux with IR
- S+265/H.265/H.264B/H.264M/H.264H/Motion JPEG
- Optical zoom 25X
- IR range up to 150m
- Built-in Micro SD card slot, up to 512 GB
- Operating conditions -30°C~65°C (-22°F~149°F), ≤95%RH
- DC12V±10%, PoE: IEEE 802.3at
- IP66
- Support smart surveillance
- Support human/vehicle classification





SPECIFICATIONS

Image	
Max. Resolution	2 MP,1920×1080@30fps
Main Stream	PAL:25fps (1920×1080,1280×720,640×480,704×576) NTSC:30fps (1920×1080,1280×720,640×480,704×480)
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 (352×288) NTSC:30fps (352×240)
BLC	Yes
HLC	Yes
AGC	Yes
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/adaptable size; Vector/Lattice
Defog	Yes
ROI	7 Dynamic Areas for Both Main and Sub Stream
Regional Exposure, Demist, Regional Focus	Yes
Privacy Mask	24 regions(Up to 4 blocks in the same scene)
Flip	Normal/Horizontal Mirror/Vertical Mirror/Inverted Flip
Pan &Tilt	
Pan Range	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
Power-off Memory	Yes
North Point	Yes (Manual setting)



Camera	
Image Sensor	1/2.8"CMOS
Min. Illumination	Color:0.001lux@ (F1.5,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	42dB
Lens	
Focal Length	4.8mm~120mm
Optical Zoom	25X
Digital Zoom	16X
Zoom Speed	<5s
Aperture Range	F1.5~F3.8
Aperture Type	Auto(P-Iris)
Field of View	58.5°~2.8°(H); 33.2°~1.5°(V); 65.2°~3.3°(D)
Focus Control	Auto/Semi-auto/Manual
Close Focus Distance	200mm~1500mm
DORI Distance	Detect:1517m Observe:602m Recognize:303m Identify:151m
Feature	
General Alarm	Motion Detection; Mask Alarm; Alarm Input
Exceptions Alarm	Voltage 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 Recording; Trigger Capture; Notify Surveillance Center; Alarm Output
Video Analytics	Human/Vehicle Classification; Tripwire; Double Tripwire; Perimeter; Object Abandon; Object Missing; Video Abnormal; Audio Abnormal
Illuminator	
IR LEDs	6
IR Distance	Up to 150m
Wavelength	850nm
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)
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	1*Switching; 1*Switching, Voltage≤DC24V,Current≤1A
Reset Button	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	-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	DC12V±10%; PoE: IEEE 802.3at
Power Consumption	9W(IR OFF) ; 22W(IR ON)
Protection	Surge 4000V; ESD6000V; IP66
Material	Metal
Boundary Dimensions	161mm(D)x276mm(H)
Package Dimensions	260(L)260(W)465(H)mm
Gross Weight	5.1 Kg
Net Weight	3 Kg

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