



GE-PTZ 172SIE++A/4.6-152mm

2MP, IP66, 33X, 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 33X
- IR range up to 180m
- Built-in Micro SD card slot, up to 512 GB
- Operating conditions -40°C~70°C (-40°F~158°F), ≤95%RH
- AC24V±15%, PoE: IEEE 802.3bt
- IP66
- Support smart surveillance, detect up to 32 faces at the same scene
- Support human/vehicle classification





SPECIFICATIONS

Image	
Max. Resolution	2MP, 1920×1080@30fps
Main Stream	PAL: 25fps (1920×1080, 1280×720, 704×576, 640×480) 50fps: (1920×1080, 1280×720, 704×576, 640×480) NTSC: 30fps (1920×1080, 1280×720, 704×480, 640×480) 60fps (1920×1080, 1280×720, 704×480, 640×480)
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 (1920×1080, 1280×720, 704×576, 704×288, 352×288, 640×480) NTSC: 30fps (1920×1080, 1280×720, 704×480, 704×240, 352×240, 640×480)
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*64/96*96/adaptable size; Vector/Lattice
Defog	Yes
ROI	7 Dynamic Areas for Both Main and Sub Stream
Regional Exposure, Demist, Regional Focus	Yes
Flip	Normal/ Inverted Flip
Privacy Mask	24 regions
EIS	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: 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)
Preset Freezing	Yes



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
Lens	
Focal Length	4.6mm~152mm
Optical Zoom	33X
Digital Zoom	16X
Zoom Speed	<5s
Aperture Range	F1.5~F4.0
Aperture Type	Auto(P-Iris)
Field of View	60.5°~2.3°(H); 35.1°~1.3°(V); 69.5°~2.7°(D)
Focus Control	Auto/Semi-auto/Manual
Close Focus Distance	100mm~1500mm
DORI Distance	Detect:1944m Observe:771m Recognize:389m Identify:194m
Feature	
General Alarm	Motion Detection; Mask Alarm; Alarm Input
Exceptions Alarm	Disk Full; Disk R/W Error; IP Address Conflict; MAC Address Conflict; FTP Server Exception ; Network cable disconnected
Linkage Method	Send Email; 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; Crowded Detection; Safety Helmet Detection; On Duty Detection; Video Abnormal; Audio Abnormal
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 180m
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; DHCP; DNS; DDNS; NTP; SMTP; TLS v1.2; SSL; 802.1x; QoS; IPv4; IPv6; PPPoE; Unicast; Multicast; ARP; RTP; FTP
System Compatibility	P2P; ONVIF (Profile S/T/G/M); SDK; CGI; RTSP
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	8*Switching; 2*Switching, Voltage≤DC24V, Current≤1A
Reset Button	Yes
Additional Interfaces	RS485; BNC
General	
Web Client Language	16 languages Simple Chinese/English/Traditional Chinese/Spanish/Italian/ Korean/Turkish/Russian/Thai/ Polish/ French/Dutch/ Hebrew/Vietnamese/Arabic/Farsi
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±15%; PoE: IEEE 802.3bt
Power Consumption	27W (IR OFF); 45W (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	8.9Kg
Net Weight	5.3Kg

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