



GE-PBC25-TH/X/6mm

5MP, IP67, Thermal Bullet Camera

Pro series



KEY FEATURES

- Housing (Metal)
- IR Range Up to 50 Meter
- Up to 5 MP (2880x1620 @30 fps) Thermal: 1280×720@25fps
- Built-in Mic & Speaker
- IP67
- DC12V±25%, Max. 7W, PoE: IEEE 802.3af, Max 8W
- Color: 0.002Lux @ (F1.6AGC ON) B/W:0Lux with IR
- S+265/H.265/H.264B/H.264M/H.264H/Motion JPEG
- Operating Conditions -40°C~65°C (-40°F~149°F), ≤95%RH
- Support micro-SD/micro SDHC/micro SDXC card, up to 512GB
- Support smart surveillance
- Support human/vehicle classification





SPECIFICATIONS

Image	
Max. Resolution	Optical: 2880×1620@30fps / Thermal: 1280×720@25fps
Main Stream	Optical: PAL:25fps (2880×1620, 2688×1520, 2560×1440, 2304×1296) NTSC:30fps (2880×1620, 2688×1520, 2560×1440, 2304×1296) Thermal: PAL:25fps (1280×720, 704×576, 640×480, 352×288) NTSC:25fps (1280×720, 704×480, 640×480, 352×240)
Sub Stream	Optical: PAL:25fps (704×576, 704×288, 640×360, 352×288) NTSC:30fps (704×480, 704×240, 640×360, 352×240) Thermal: PAL:25fps (704×576, 640×480, 352×288) PAL:25fps (704×480, 640×480, 352×240)
BLC, HLC, AGC,3D DNR	Yes
White Balance	Auto/Semi-Auto/Manual/Sunshine/Nature Light/Warm light Lamp/Daylight Lamp/Filament Lamp/Lock White Balance
OSD	Optical: Overlay of additional characters in 5 regions, 2 lines, with a maximum of 127 characters Thermal: Overlay of additional characters in 1 area, 2 lines, with a maximum of 127 characters; 16*16/32*32/48*48/64*64/96*96
Privacy Mask	4 black static areas
Defog	Yes
ROI	8 rectangular static areas
Picture Overlay	1*200x200 size BMP 24 color bit image overlay
Camera	
Image Sensor	1/2.7"CMOS
Min. illumination	Color:0.002Lux@ (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	>39dB
Angle Adjustment	0~360°(P); 0~90°(T); 0~360°(R)
Lens	
Lens Type	Fixed focal Lens
Focal Length	Thermal:7mm; Optical:6mm
Lens Mount	M12
Aperture Range	Thermal: F1.2; Optical: F1.6
Aperture Type	Fixed
Field of View	Thermal:26°(H); Optical:53.8°(H); Thermal :20°(V); Optical:29.3°(V); Thermal:32.8°(D); Optical:61.3°(D)
DORI Distance	Detect:120m/ Observe:47.6m/ Recognize:24m/ Identify:12m



Feature	
General Alarm	Motion Detection; Mask Alarm; Alarm Input
Exceptions Alarm	Voltage Alarm; Disk Full; Disk R/W Error; IP Address Conflict; MAC Address Conflict; FTP Server Exception
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; Video Abnormal; Audio Abnormal
Rules of Behavior Analyze In 1 Scene	8
Illuminator	
IR LEDs	2
IR Distance	Up to 50m
Wavelength	850nm
White LEDs	2
White light Distance	15m
Interface	
Communication Interface	1*RJ-45 (10/100 Base-T)
Built-in Mic	Yes
Built-in Speaker	Yes
On-board Storage	Support microSD/micro SDHC/micro SDXC card, up to 512GB
RTC	Yes
Audio I/O	1;1
Alarm I/O	2-ch,TTL inputs,3mA,3.3VDC; 1-ch,relay output,1A,24VDC
Reset Button	Yes
Additional Interfaces	RS-485
General	
Web Client Language	19 languages: English/Spanish/Korean/Chinese S/Chinese T/Italian/Turkish/Russian/Thai/French/Polish/Dutch/Hebrew/Arabic/Vietnamese/German/Ukrainian/Portuguese/Albanian
Operating Temperature	-40°C~65°C (-40°F~149°F)
Operating Humidity	≤95%RH
Storage Temperature	-40°C~65°C (-40°F~149°F)
Storage Humidity	10%~95%RH (non-condensing)
Power Supply	DC12V±25%, Max. 7W; PoE: IEEE 802.3af, Max. 8W
Protection	Surge 4000V; ESD6000V; IP67
Boundary Dimensions	327 (L)114(W)105(H)mm
Package Dimensions	360(L)150(W)170(H)mm
Gross Weight	1.85 Kg



Thermal	
Image Sensor	Vanadium Oxide Uncooled Focal Plane Arrays
Resolution	256 × 192
Pixel Pitch	12μm
Spectral Range	8μm to 14μm
Focal Length	6.8mm
NETD	≤55 mK(@25°C, F#=1.1)
Aperture	F1.1
Field of View	Horizontal FOV:26°, Vertical FOV:20°
Compression Standard	
Video Compression	S+265/H.265/H.264B/H.264M/H.264H/Motion JPEG
Video Bit Rate	32k~ 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	ONVIF (Profile S/T/G/M) ; SDK; CGI; Milestone; RTSP; RTMP
Remote Connection	≤ 7
Client	Golden Eye VMS
Web	IE10+; Firefox52+; Edge89+; Safari11+; Chrome57+

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