



# GE-PBC28-I/V/2.7-13.5mm

## 8MP, Motorized, IP67, IR Bullet Camera

*Pro series*



### KEY FEATURES

- Housing (Metal)
- IR Range Up to 80 Meter
- Up to 8 MP (3840×2160@30 fps)
- Built-in Mic
- IP67
- DC12V±25%, Max. 9.5W, PoE: IEEE 802.3af, Max. 10.5W
- Color: 0.002Lux @ (F1.6 AGC 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      | 8MP,3840×2160 @30fps                                                                                                                                        |
| Main Stream          | PAL:25fps (3840×2160, 3072×2048, 2560×1440, 2304×1296, 1920×1080, 1280×720)<br>NTSC:30fps (3840×2160, 3072×2048, 2560×1440, 2304×1296, 1920×1080, 1280×720) |
| Sub Stream           | PAL:25fps (704×576, 704×288, 640×360, 352×288)<br>NTSC:30fps (704×480, 704×240, 640×360, 352×240)                                                           |
| Third Stream         | PAL:25fps (704×576, 704×288, 352×288, 640×480)<br>NTSC:30fps (704×480, 704×240, 352×240, 640×360)                                                           |
| 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                  | Overlay of additional characters in 5 regions, 2 lines, with a maximum of 127 characters;<br>16*16/32*32/48*48/64*64/96*96                                  |
| Privacy Mask         | 4 black static areas                                                                                                                                        |
| Defog                | Yes                                                                                                                                                         |
| ROI                  | 8 rectangular static areas                                                                                                                                  |
| Corridor Mode        | Yes                                                                                                                                                         |
| Picture Overlay      | 1*200x200 size BMP 24 color bit image overlay                                                                                                               |
| 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                                                                                                                                            |
| 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                  | >42dB                                                                                                                                                       |
| Angle Adjustment     | 0~360°(P); 0~90°(T); 0~360°(R)                                                                                                                              |
| Lens                 |                                                                                                                                                             |
| Lens Type            | Motorized                                                                                                                                                   |
| Focal Length         | 2.7~13.5mm                                                                                                                                                  |
| Aperture Range       | F1.6                                                                                                                                                        |
| Lens Mount           | Φ14                                                                                                                                                         |
| Aperture Type        | Fixed                                                                                                                                                       |
| Field of View        | 106.7°~31.5°(H); 57.3°~17.8°(V); 130.9°~34.8°(D)                                                                                                            |
| DORI Distance        | Detect:77m~331m Observe:30.55m~131m Recognize:15.5m~66m Identify:7.5m~33m                                                                                   |



| 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 Recording; Trigger Capture; Notify Surveillance Center; Alarm Output                                                                                                                                     |
| Video Analytics                      | Human/Vehicle Classification; Tripwire; Double Tripwire; Perimeter; Object Abandon; Object Lost; Heatmap; Loitering; Running; Parking; People Counting; Crowded; Safety Helmet Detection; On Duty Detection; Video Abnormal; Audio Abnormal |
| Rules of Behavior Analyze In 1 Scene | 8                                                                                                                                                                                                                                           |
| Illuminator                          |                                                                                                                                                                                                                                             |
| IR LEDs                              | 4                                                                                                                                                                                                                                           |
| IR Distance                          | Up to 80m                                                                                                                                                                                                                                   |
| Wavelength                           | 850nm                                                                                                                                                                                                                                       |
| 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+                                                                                                                                                                                            |
| Interface                            |                                                                                                                                                                                                                                             |
| Communication Interface              | 1*RJ-45 (10/100 Base-T)                                                                                                                                                                                                                     |
| Built-in Mic                         | Yes                                                                                                                                                                                                                                         |
| On-board Storage                     | Support microSD/micro SDHC/micro SDXC card, up to 512GB                                                                                                                                                                                     |
| RTC                                  | Yes                                                                                                                                                                                                                                         |
| Audio I/O                            | 1;1                                                                                                                                                                                                                                         |
| Alarm I/O                            | 1-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/Ukrainan/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. 9.5W; PoE: IEEE 802.3af, Max. 10.5W                                                                                                                                                                                         |
| Protection                           | Surge 4000V; ESD6000V; IP67                                                                                                                                                                                                                 |
| Boundary Dimensions                  | 265(L)105(W)105(H)mm                                                                                                                                                                                                                        |
| Package Dimensions                   | 360(L)150(W)170(H)mm                                                                                                                                                                                                                        |
| Gross Weight                         | 1.60 Kg                                                                                                                                                                                                                                     |

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