



GE-PDC28-F/X/2.8mm

8MP, IP66, Full Color Dome Camera

Pro series



KEY FEATURES

- Housing (Metal)
- IR Range Up to 30 Meter
- Up to 8 MP (3840x2160 @20 fps)
- Built-in Mic, Built-in Speaker
- IP66
- DC12V±25%, Max. 7W, PoE: IEEE 802.3af, Max. 8.5W
- 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, face capture
- Support human/vehicle classification





SPECIFICATIONS

Image	
Max. Resolution	8MP,3840×2160@20fps
Main Stream	PAL:20fps (3840×2160, 3072×2048), 25fps (2560×1440, 2304×1296, 1920×1080, 1280×720) NTSC:20fps (3840×2160, 3072×2048), 30fps (2560×1440, 2304×1296, 1920×1080, 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 (704×576, 704×288, 352×288, 640×480) NTSC:30fps (704×480, 704×240, 352×240, 640×480)
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	Overlay of additional characters in 5 regions, 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
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	1/2.8"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	0~340°(P); 0~75°(T); 0~360°(R)
Lens	
Lens Type	Fixed focal lens
Focal Length	2.8mm
Lens Mount	M12
Aperture Range	F1.6
Aperture Type	Fixed
Field of View	105.3°(H); 56.9°(V); 119.7°(D)
DORI Distance	Detect:77m Observe:30.5m Recognize:15.5m Identify:7.5m



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; Trigger Warmlight; Notify Surveillance Center; Alarm Output
Video Analytics	Human/Vehicle Classification; Tripwire; Perimeter; Video Abnormal; Audio Abnormal
Rules of Behavior Analyze In 1 Scene	8
Early Warning (EW)	Yes
Illuminator	
IR LEDs	2
IR Distance	Up to 30m
Wavelength	850nm
White LEDs	2
White light Distance	15m
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
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	1-ch, TTL input,3mA,3.3VDC; 1-ch, TTL output,30mA,12VDC
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. 8.5W
Protection	Surge 4000V; ESD6000V; IP66
Boundary Dimensions	117(L)117(W)96(H)mm
Package Dimensions	140(L)140(W)120(H)mm
Gross Weight	0.75 Kg

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