



GE-DV50AZ05M

5MP, IP66, IK10, IR Dome Camera

Pro series



KEY FEATURES

Housing (Metal)
IR Range Up to 50 Meter
Up to 5 MP (2880x1620 @30 fps)
Built-in Mic
IP66, IK10
DC12V±25%, Max. 6W, PoE: IEEE 802.3af, Max. 7.5W
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 5°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	5MP,2880×1620@30fps
Main Stream	PAL:25fps (2880×1620, 2688×1520, 2560×1440, 2304×1296) 50fps (1920×1080, 1280×720) NTSC:30fps (2880×1620, 2688×1520, 2560×1440, 2304×1296) 60fps (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 (1280×720, 704×576, 640×360, 704×288, 352×288) NTSC:30fps (1280×720, 704×480, 640×360, 704×240, 352×240)
BLC, HLC, AGC,3DNR	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	1/2.7"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	0~330°(P); 0~75°(T); 0~350°(R)
Lens	
Lens Type	Fixed focal lens
Focal Length	2.8mm
Lens Mount	M12
Aperture Range	F1.6
Aperture Type	Fixed
Field of View	109°(H); 59°(V); 125.4°(D)
DORI Distance	Detect:56m/ Observe:22m/ Recognize:11m/ Identify:5.6m



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; Perimeter; Video Abnormal; Audio Abnormal
Rules of Behavior Analyze In 1 Scene	8
Face Mode	Face Capture
Face Detection Performance	Detect up to 8 faces at the same scene; Capture up to 4 faces at the same scene
Illuminator	
IR LEDs	8
IR Distance	Up to 50m
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 input,3mA,3.3VDC; 1-ch, TTL output,30mA,12VDC
Reset Button	Yes (Built-in)
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. 6W; PoE: IEEE 802.3af, Max. 7.5W
Protection	Surge 4000V; ESD6000V; IP66; IK10
Boundary Dimensions	120(L)120(W)90(H)mm
Package Dimensions	140(L)140(W)120(H)mm
Gross Weight	0.68 Kg

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