GS-P649-F17 4 MP IR Fixed Turret Network Camera



- 1/2.7" Progressive Scan CMOS
- 2688 × 1520 @ 25fps
- 1.68 mm ultra wide angle fixed lens
- 120dB WDR

- H.265, H.265+, H.264, H.264+
- Built-in micro SD/SDHC/SDXC card slot, up to 256 GB
- 3-Axis adjustment
- Indoor

Specifications

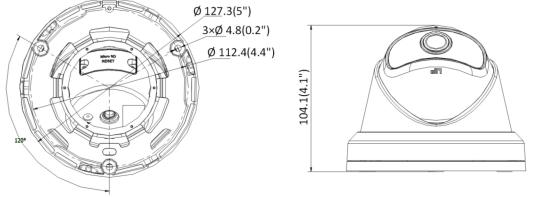
image Sensor1/2.7" Progressive Scan CMOSMin. IlluminationCoirc. 0.028 Lux @ (F2.0, AGC ON) B&W: 0.0028 Lux @ (F2.0, AGC ON), 0 Lux with IRShutter Speed1/3 s to 1/100,000 sShutter Speed1/3 s to 1/100,000 sSlow ShutterVesDay & NightICU FilterWDR120 dBAngle AdjustmentPan: 0'to 360', tilt: 0'to 75', rotate: 0'to 360'Day En TypeFixed lens, 1.68 mmAngle AdjustmentFixed lens, 1.68 mmApertureFixed lens, 1.68 mm, horizontal FOV: 180', vertical FOV: 101', diagonal FOV: 180'Ens TypeMixed lens, 1.68 mm, horizontal FOV: 180', vertical FOV: 101', diagonal FOV: 180'BargeUp to 10 mStandardSto maVereeSolmMarkesolutionSolm: 25/59 (2688 x 1520, 2304 x 1296, 1920 x 1080, 1280 x 720) GOH:: 25/59 (2688 x 1520, 2304 x 1296, 1920 x 1080, 1280 x 720) GOH:: 25/59 (2688 x 1520, 300 fs (2304 x 1296, 1920 x 1080, 1280 x 720) GOH:: 25/59 (2688 x 1520, 300 x 20) 200 x 20)Sub StreamSolH:: 25/59 (2688 x 1520, 2304 x 1296, 1920 x 1080, 1280 x 720) GOH:: 25/59 (2688 x 1520, 300 x 20) 200 x 20)Sub Stream:SolH:: 25/59 (2688 x 1520, 2304 x 1296, 1920 x 1080, 1280 x 720) GOH:: 23075 (2688 x 1520, 300 x 20) 200 x 20)Sub Stream:SolH:: 25/59 (2688 x 1520, 2304 x 1296, 1920 x 1080, 1280 x 720) GOH:: 23075 (2640 x 480, 640 x 360, 320 x 240) GOH:: 23075 (2640 x 480, 640 x 360, 320 x 240) GOH:: 23075 (2640 x 480, 640 x 360, 320 x 240) GOH:: 23075 (2640 x 480, 640 x 360, 320 x 240)Video Elit RatiMain Stream: H.255/H.264/MIPEGH.265 TypeJain Profile H.265 H.264/	Camera		
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BKW: 0.0028 Lux @ (F2.0, AGC ON), 0 Lux with IRShutter Speed1/3 to 1/10000 sShutter SpeedYesDay & NightIR Cut FilterWDR120 dBAngle AdjustmentPar: 0" to 360", tilt: 0" to 75", rotate: 0" to 360" Lens F2Lens TypeFkel lens, 1.68 mmApertureF2.0Common to 1.68 mm, horizontal FOV: 180", vertical FOV: 101", diagonal FOV: 180"Lens MountM12 Huminator Vite 0 10 mWavelength850 nmVavelength568 x 1520Mar Resolution568 x 1520, 2304 x 1296, 1920 x 1080, 1280 x 720) 60Hz: 24fps (2688 x 1520, 3304 x 1296, 1920 x 1080, 1280 x 720) 60Hz: 24fps (2688 x 1520, 3304 x 1296, 1920 x 1080, 1280 x 720) 60Hz: 24fps (2688 x 1520, 3304 x 1296, 1920 x 1080, 1280 x 720) 60Hz: 24fps (2688 x 1520, 3304 x 1296, 1920 x 1080, 1280 x 720) 60Hz: 24fps (2688 x 1520, 3304 x 1296, 1920 x 1080, 1280 x 720) 60Hz: 24fps (2688 x 1520, 3304 x 1296, 1920 x 1080, 1280 x 720) 60Hz: 24fps (2688 x 1520, 3304 x 1296, 1920 x 1080, 1280 x 720) 60Hz: 24fps (2688 x 1520, 3304 x 1296, 1920 x 1080, 1280 x 720) 60Hz: 24fps (2688 x 1520, 3304 x 1296, 1920 x 1080, 1280 x 720) 60Hz: 24fps (2688 x 1520, 3304 x 1296, 1920 x 1080, 1280 x 720) 60Hz: 24fps (2688 x 1520, 3304 x 1296, 1920 x 1080, 1280 x 720)Sub StreamMain stream: H.265/H.264/H.265/H.264 Sub-stream: H.265/H.264/H.265/H.264/H.265/H.264Like CompressionSub-stream: H.265/H.264/H.265/H.264/H.265/H.264Sub StreamMain stream: H.265/H.264/H.265/H.264Like Coding (SVC)H.264 and H.265 encoding supportLike Coding (SVC)H.264 and H.265 encoding supportSu	Min Illumination	Color: 0.028 Lux @ (F2.0, AGC ON)	
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Sub Stream50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)Video CompressionMain stream: H.265+/H.264+/H.265/H.264 Sub-stream: H.265/H.264/MJPEGH.264 TypeMain Profile/High ProfileH.265 TypeMain ProfileVideo Bit Rate32 Kbps to 16 MbpsScalable Video Coding (SVC)H.264 and H.265 encoding supportSmart Feature-SetLine crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detectionBasic EventMotion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)Linkage MethodUpload to FTP/NAS/memory card, notify surveillance center, send email, trigger recording, trigger captureImageLine region for main stream and sub-stream	Main Stream		
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Video CompressionSub-stream: H.265/H.264/MJPEGH.264 TypeMain Profile/High ProfileH.265 TypeMain ProfileVideo Bit Rate32 Kbps to 16 MbpsScalable Video Coding (SVC)H.264 and H.265 encoding supportSmart Feature-SetSmart EventLine crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detectionBasic EventMotion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)Linkage MethodUpload to FTP/NAS/memory card, notify surveillance center, send email, trigger recording, trigger captureRegion of Interest1 fixed region for main stream and sub-stream	Sub Stream	60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)	
Sub-stream: H.265/H.264/MJPEGH.264 TypeMain Profile/High ProfileH.265 TypeMain ProfileVideo Bit Rate32 Kbps to 16 MbpsScalable Video Coding (SVC)H.264 and H.265 encoding supportSmart Feature-SetSmart EventLine crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detectionBasic EventMotion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)Linkage MethodUpload to FTP/NAS/memory card, notify surveillance center, send email, trigger recording, trigger captureRegion of Interest1 fixed region for main stream and sub-stream		Main stream: H.265+/H.264+/H.265/H.264	
H.265 TypeMain ProfileVideo Bit Rate32 Kbps to 16 MbpsScalable Video Coding (SVC)H.264 and H.265 encoding supportSmart Feature-SetSmart EventLine crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detectionBasic EventMotion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)Linkage MethodUpload to FTP/NAS/memory card, notify surveillance center, send email, trigger recording, trigger captureImageI fixed region for main stream and sub-stream	Video Compression	Sub-stream: H.265/H.264/MJPEG	
Video Bit Rate32 Kbps to 16 MbpsScalable Video Coding (SVC)H.264 and H.265 encoding supportSmart Feature-SetSmart EventLine crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detectionBasic EventMotion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)Linkage MethodUpload to FTP/NAS/memory card, notify surveillance center, send email, trigger recording, trigger captureRegion of Interest1 fixed region for main stream and sub-stream	Н.264 Туре	Main Profile/High Profile	
Scalable Video Coding (SVC)H.264 and H.265 encoding supportSmart Feature-SetSmart EventLine crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detectionBasic EventMotion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)Linkage MethodUpload to FTP/NAS/memory card, notify surveillance center, send email, trigger recording, trigger captureRegion of Interest1 fixed region for main stream and sub-stream	Н.265 Туре	Main Profile	
Smart Feature-SetSmart EventLine crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detectionBasic EventMotion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)Linkage MethodUpload to FTP/NAS/memory card, notify surveillance center, send email, trigger recording, trigger captureRegion of Interest1 fixed region for main stream and sub-streamImage	Video Bit Rate	32 Kbps to 16 Mbps	
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Basic Event address conflict, illegal login, HDD full, HDD error) Linkage Method Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger recording, trigger capture Region of Interest 1 fixed region for main stream and sub-stream Image Image			
Linkage Method Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger recording, trigger capture Region of Interest 1 fixed region for main stream and sub-stream Image	Basic Event		
Linkage Method recording, trigger capture Region of Interest 1 fixed region for main stream and sub-stream Image Image			
Region of Interest 1 fixed region for main stream and sub-stream Image	_		
Image			
	-	1 fixed region for main stream and sub-stream	
Image EnhancementBLC, HLC, 3D DNR	Image		
	Image Enhancement	BLC, HLC, 3D DNR	

	Saturation, brightness, contrast, sharpness, AGC and white balance adjustable by client	
Image Setting	software or web browser	
Day/Night Switch	Day/Night/Auto/Schedule	
Network		
Network Storage	microSD/SDHC/SDXC card (256 GB), local storage and NAS (NFS,SMB/CIFS), ANR	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, NTP, UPnP,	
FIOLOCOIS	SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS	
API	ONVIF (PROFILE S, PROFILE G), ISAPI, SDK	
	Password protection, complicated password, HTTPS encryption, 802.1X authentication	
Security	(EAP-TLS 1.2, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest	
	authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF, TLS1.2	
Simultaneous Live View	Up to 6 channels	
User/Host	Up to 32 users, 3 levels: administrator, operator and user	
Client	Guarding Station, Guarding Vision	
Web Browser	Plug-in free live view: Chrome 45.0+, Firefox 52.0+	
	Local Service: Chrome 41.0+, Firefox 30.0+	
Interface		
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port	
On-board storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	
General		
	32 languages	
	English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak,	
Web Client Language	French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian,	
	Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai,	
	Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil)	
General Function	Anti-flicker, three streams, heartbeat, mirror, privacy masks, password reset via e- mail, pixel counter	
Reset	Reset via reset button on camera body, web browser and client software	
Startup and Operating Conditions	-10 °C to 40 °C (14 °F to 104 °F), humidity 95% or less (non-condensing)	
Storage Conditions	-10 °C to 40 °C (14 °F to 104 °F), humidity 95% or less (non-condensing)	
Power Supply	12 VDC \pm 25%, Φ 5.5 mm coaxial power plug; reverse polarity protection; PoE (802.3af, type 1, class 3)	
Power Consumption and Current	12 VDC, 0.48 A, max. 5.8 W; PoE (802.3af, 36 V to 57 V), 0.19 A to 0.12 A, max. 6.8W	
Material	Metal & Plastic	
	Camera: Φ 127.3 × 104.1 mm (Φ 5" × 4.1")	
Dimensions	With package: 150 × 150 × 141 mm (5.9" × 5.9" × 5.6")	
Weight	Camera: Approx. 520 g (1.1 lb.) With package: Approx. 700 g (1.5 lb.)	
Approval		
	47 CFR Part 15, Subpart B; EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013,	
EMC	EN 50130-4: 2011 +A1: 2014; AS/NZS CISPR 32: 2015; ICES-003: Issue 6, 2016; KN 32: 2015, KN 35: 2015	

Sa	afety	UL 60950-1, IEC 60950-1:2005 + Am 1:2009 + Am 2:2013, EN 60950-1:2005 + Am 1:2009 + Am 2:2013, IS 13252(Part 1):2010+A1:2013+A2:2015, IEC/EN 60950-1
C	hemistry	2011/65/EU, 2012/19/EU, Regulation (EC) No 1907/2006
* Listed was lutions and a she cale table antions. It does not make that all streams and used, at their menuingue resolution at the		

* Listed resolutions are only selectable options. It does not mean that all streams can work at their maximum resolution at the same time.

Dimension



Unit: mm(inch)

Accessory



DS-1273ZJ-130-TRL Wall Mount



DS-1280ZJ-DM8 Junction Box



DS-1275ZJ-SUS Vertical Pole Mount



DS-1281ZJ-M Inclined Ceiling Mount



DS-1276ZJ-SUS Corner Mount



DS-1280ZJ-M Junction Box