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

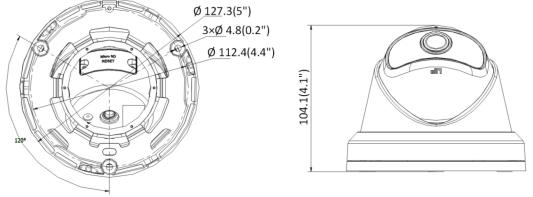
| image Sensor1/2.7" Progressive Scan CMOSMin. IlluminationCoirc. 0.028 Lux @ (F2.0, AGC ON) B&W: 0.0028 Lux @ (F2.0, AGC ON), 0 Lux with IRShutter Speed1/3 s to 1/100,000 sShutter Speed1/3 s to 1/100,000 sSlow ShutterVesDay & NightICU FilterWDR120 dBAngle AdjustmentPan: 0'to 360', tilt: 0'to 75', rotate: 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 | | |
|--|-----------------------------|---|--|
| Min. IlluminationB&W: 0.0028 Lux @ (F2.0, AGC ON), 0 Lux with IRShutter Speed1/3 sto 1/100,000 sSlow ShutterYesDay & NightIR Cut FilterWOR20 dBAngle AdjustmentPan: 0" to 360", tilt: 0" to 75", rotate: 0" to 360"LensFixed lens, 1.68 mmApertureFixed lens, 1.68 mmApertureFixed lens, 1.68 mm, horizontal FOV: 101", diagonal FOV: 180"Ens TypeFixed lens, 1.68 mm, horizontal FOV: 101", diagonal FOV: 180"EuroMileBurniatorKite Marci M | Image Sensor | 1/2.7" Progressive Scan CMOS | |
| 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) | |
| Slow ShutterYesDay & NightIC ut FilterWDR20 dBAngle AdjustmentPan: 0" to 360", tilt: 0" to 75", rotate: 0" to 360"HensFixed lens, 1.68 mmApertureFixed lens, 1.68 mm, horizontal FOV: 180", yetrical FOV: 101", diagonal FOV: 180"PoV1.68 mm, horizontal FOV: 180", yetrical FOV: 101", diagonal FOV: 180"HuminatorUto 10mWavelength90 to 10mWavelength500 fmMark ResolutionS68 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 60H2: 24fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 60H2: 24fps (2688 × 1520, 30fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60H2: 24fps (2688 × 1520, 30fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60H2: 24fps (2688 × 1520, 30fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60H2: 24fps (2688 × 1520, 30fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60H2: 24fps (2688 × 1520, 30fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60H2: 24fps (2688 × 1520, 30fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60H2: 24fps (2688 × 1520, 30fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60H2: 24fps (2688 × 1520, 30fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60H2: 24fps (2688 × 1520, 30fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60H2: 24fps (2688 × 1520, 30fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60H2: 24fps (2688 × 1520, 30fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60H2: 24fps (2688 × 1520, 240/ MDEG1260 CompressionSolt: 24fps (2684 × 180, 640 × 360, 322 × 240) 60H2: 24fps (2684 × 180, 640 × 360, 322 × 240)1264 TypeMain Profile/High Profile1265 TypeMain Profile/High Profile1265 TypeMain Profile/High Profile1265 TypeMain Profile/High Profile126 | | B&W: 0.0028 Lux @ (F2.0, AGC ON), 0 Lux with IR | |
| Dy & NightIR Cut FilterWDR120 dBAngle AdjustmentPan: 0' to 360', till: 0' to 75', rotate: 0' to 360'LensFixed lens, 1.68 mmApertureFixed lens, 1.68 mmApertureFixed lens, 1.68 mm, horizontal FOV: 180', vertical FOV: 101', diagonal FOV: 180'BowtM20FOV1.68 mm, horizontal FOV: 180', vertical FOV: 101', diagonal FOV: 180'BurniatorM20HumiatorM20Wavelength600 mWavelength688 × 1520Mar Resolution668 × 1520, 300 × 1296, 1920 × 1080, 1280 × 720) 604:: 24fps (2688 × 1520, 306 × 240) 604:: 305 (640 × 480, 640 × 360, 320 × 240) 604:: 305 (640 × 480, 640 × 360, 320 × 240) 604:: 305 (640 × 480, 640 × 360, 320 × 240) 604:: 305 (640 × 480, 640 × 360, 320 × 240) 604:: 305 (640 × 480, 640 × 360, 320 × 240) 604:: 305 (640 × 480, 640 × 360, 320 × 240) 604:: 305 (640 × 480, 640 × 360, 320 × 240) 604:: 305 (640 × 480, 640 × 360, 320 × 240) 604:: 305 (640 × 480, 640 × 360, 320 × 240) 604:: 305 (640 × 480, 640 × 360, 320 × 240) 604:: 305 (640 × 480, 640 × 360, 320 × 240) 604:: 305 (640 × 480, 640 × 360, 320 × 240) 604:: 305 (640 × 480, 640 × 360, 320 × 240) 604:: 305 (640 × 480, 640 × 360, 320 × 240) 604:: 305 (640 × 480, 640 × 360, 320 × 240) 604:: 305 (640 × 480, 640 × 360, 320 × 240) 604:: 305 (640 × 480, 640 × 360, 320 × 240)1/160 compressionMain profile/High Profile H.265 /H.264/H.265/H.264/H.265/H.2641/265 TypeMain Profile/High Profile1/265 TypeMain Profile/High Profile removal detection, face detection, scene change detection1/265 RestS2 file file file file file file file file | Shutter Speed | 1/3 s to 1/100,000 s | |
| WDR120 dBAngle AdjustmentPan: 0' to 360', till: 0' to 75', rotate: 0' to 360'Angle AdjustmentPan: 0' to 360', till: 0' to 75', rotate: 0' to 360'LensFixed lens, 1.68 mmApertureF2.0FOV1.68 mm, horizontal FOV: 180', vertical FOV: 101*, diagonal FOV: 180*HuminatorM12IlluminatorUp to 10 mWavelength650 mVideo6688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 604r: 24fps (2688 × 1520, 30/ps (2304 × 1296, 1920 × 1080, 1280 × 720) 604r: 24fps (2688 × 1520, 30/ps (2304 × 1296, 1920 × 1080, 1280 × 720) 604r: 23fps (2688 × 1520, 30/ps (2304 × 1296, 1920 × 1080, 1280 × 720) 604r: 23fps (2688 × 1520, 30/ps (2304 × 1296, 1920 × 1080, 1280 × 720) 604r: 23fps (2688 × 1520, 30/ps (2304 × 1296, 1920 × 1080, 1280 × 720) 604r: 23fps (2688 × 1520, 30/ps (2304 × 1296, 1920 × 1080, 1280 × 720) 604r: 23fps (640 × 480, 640 × 360, 320 × 240) 604re: 30/ps (640 × 480, 640 × 360, 320 × 240) 604re: 30/ps (640 × 480, 640 × 360, 320 × 240) 604re: 30/ps (640 × 480, 640 × 360, 320 × 240) 604re: 30/ps (640 × 480, 640 × 360, 320 × 240) 604re: 30/ps (640 × 480, 640 × 360, 320 × 240) 604re: 30/ps (640 × 480, 640 × 360, 320 × 240) 604re: 30/ps (640 × 480, 640 × 360, 320 × 240) 604re: 30/ps (640 × 480, 640 × 360, 320 × 240) 604re: 30/ps (640 × 360, 320 × 240) 604re: 30/ps (640 × 480, 640 × 360, 320 × 240) 604re: 30/ps (640 × 640, 360 × 360, 320 × 240) 604re: 30/ps (640 × 480, 640 × 360, 320 × 240) 604re: 30/ps (640 × 480, 640 × 360, 320 × 240) 604re: 30/ps (640 × 640, 360, 320 × 240) 604re: 30/ps (560 × 1520)Juéa CompressionIn profile/High PofileJuéa CompressionIn erosing detection, intrusion detection, unattended bagage detection, object remov | Slow Shutter | Yes | |
| Angle Adjustment Pan: 0° to 360°, till: 0° to 75°, rotate: 0° to 360° Lens Fixed lens, 1.68 mm Aperture Fixed lens, 1.68 mm, horizontal FOV: 180°, vertical FOV: 101°, diagonal FOV: 180° Ens Mount M12 Illuminator Illuminator Range Up to 10 m Wavelength 850 nm Voto 50Hz: 25fps (5688 × 1520, 304 × 1296, 1920 × 1080, 1280 × 720) Main Stream 50Hz: 25fps (5688 × 1520, 30fps (2304 × 1296, 1920 × 1080, 1280 × 720) Main Stream 50Hz: 25fps (5688 × 1520, 30fps (2304 × 1296, 1920 × 1080, 1280 × 720) Sub Stream 60Hz: 25fps (5688 × 1520, 30fps (2304 × 1296, 1920 × 1080, 1280 × 720) Sub Stream 60Hz: 25fps (5640 × 480, 640 × 360, 320 × 240) Video Compression Main stream: H.265/H.264/H.265/H.264 Video Stripe Main Profile Video Stripe Main Profile Video Coding (SVC) Hain Profile Video Stripe Main Profile Video Stripe Molin detection, intrusion detection, unattended baggage detection, object removal detection, scene change detection Video Stripe Molin detection, video tampering alarm, exception (network disconneted, IP and the conding, trigger capture Region of Interest U | Day & Night | IR Cut Filter | |
| Lens Type Fixed lens, 1.68 mm Aperture F2.0 FOV 1.68 mm, horizontal FOV: 180", vertical FOV: 101", diagonal FOV: 180" Lens Mount M12 Illuminator Illuminator Range Up to 10 m Wavelength 850 nm Video 2688 × 1520 Main Stream 2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2688 × 1520, 30fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) | WDR | 120 dB | |
| Lens TypeFixed lens, 1.68 mmApertureF2.0FOV1.68 mm, horizontal FOV: 180°, vertical FOV: 101°, diagonal FOV: 180°Ilens MountM12IlluminatorIlluminatorIlluminator850 nmVavelength850 nmVare50Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2688 × 1520, 30fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2688 × 1520, 30fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2688 × 1520, 30fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2688 × 1520, 30fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2688 × 1520, 30fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2688 × 1520, 30fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2688 × 1520, 30fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2688 × 1520, 30fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2688 × 1520, 30fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2688 × 1520, 30fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2688 × 1520, 30fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2688 × 1520, 30fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2688 × 1520, 30fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2688 × 1520, 30fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2680 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)1/160 CompressionMain profile/High Profile H.264 + 1.265/H.264/H.1265/H.264/H.2641/264 TypeMain Profile H.265 H.264/H.1265/H.2641/264 Divel Coding (SVC)Je26 and H.265 encoding support1/264 Divel Coding (SVC)Ine crossing detection, intrusion detection, unattended bagg | Angle Adjustment | Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360° | |
| ApertureF2.0FOV1.68 mm, horizontal FOV: 180°, vertical FOV: 101°, diagonal FOV: 180°FOVM12IlluminatorIlluminatorIlluminator850 nmVavelength50 fmMax. Resolution2688 × 1520Main Stream50H2: 25/ps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 60H2: 24/ps (2688 × 1520, 30fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60H2: 25/ps (640 × 480, 640 × 360, 320 × 240) 60H2: 30fps (640 × 480, 640 × 360, 320 × 240)Video CompressionMain stream: H.265/H.264/MI.265/H.264 Sub-stream: H.265/H.264/MI.PEGVideo Bit Rate23 Kbps to 16 MbpsSalable Video Coding (SVC)H.264 and H.265 encoding supportSmart EventIne crossing detection, intrusion detection, unattended baggage detection, object removal detection, scene change detectionSalaf EventMotion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)Inkage MethodUpload to FTP/NAS/memory card, notify surveillance center, send email, trigger recording, trigger captureIntegeLink region for main stream and sub-stream | Lens | | |
| FOV1.68 mm, horizontal FOV: 180°, vertical FOV: 101°, diagonal FOV: 180°FOVM12IluminatorIluminatorIluminatorSo nmVideoSo 10mMax Resolution2688 × 1520Main StreamSOH2: 25fps (688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) GOH2: 24fps (2688 × 1520), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720) GOH2: 23fps (640 × 480, 640 × 360, 320 × 240) GOH2: 30fps (640 × 480, 640 × 360, 320 × 240) GOH2: 30fps (640 × 480, 640 × 360, 320 × 240) GOH2: 30fps (640 × 480, 640 × 360, 320 × 240) GOH2: 30fps (640 × 480, 640 × 360, 320 × 240)Video CompressionMain stream: H.265/H.264/H.265/H.264 Sub-stream: H.265/H.264/MJPEGVideo StrateS0 Xby to 16 MbpsScalable Video Coding (SVC)H.264 and H.265 encoding supportSmart EventIne crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detectionSaist EventMotion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)Rinkage MethodUpload to FTP/NAS/memory card, notify surveillance center, send email, trigger recording, trigger captureInageInecressing detection main stream and sub-stream | Lens Type | Fixed lens, 1.68 mm | |
| Lens Mount M12 Illuminator IR Range Up to 10 m Wavelength 850 nm Video Video Man. Resolution 2688 × 1520 Main Stream 50Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2688 × 1520), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2688 × 1520), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) Yideo Compression Main stream: H.265/H.264/H.265/H.264 Sub-stream: H.265/H.264/MJPEG H.264 Type Main Profile H.265 Type Main Profile Yideo Coding (SVC) H.264 and H.265 encoding support Start Event Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection Shart Event Motion detection, video tampering alarm, exception (network disconnected, IP 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 | Aperture | F2.0 | |
| Illuminator IR Range Up to 10 m Wavelength 850 nm Video Video Max. Resolution 2688 × 1520 Main Stream 50Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2688 × 1520), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 23fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 640, 640 × 640, 640 × 640, 760 × 640 × 640 × 640, 760 × 640 × | FOV | 1.68 mm, horizontal FOV: 180°, vertical FOV: 101°, diagonal FOV: 180° | |
| IR Range Up to 10 m Wavelength 850 nm Video 2000 Max. Resolution 2688 × 1520 Main Stream 2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2688 × 1520), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2688 × 1520), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 70Hz: 40Hz: 40Hz | Lens Mount | M12 | |
| Wavelength850 nmVideoMax. Resolution2688 × 1520Main Stream50Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2688 × 1520), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)Video CompressionSub-stream: H.265/H.264/H.265/H.264H.264 TypeMain Stream: H.265/H.264/MJPEGH.265 TypeMain Profile/High ProfileH.265 TypeMain Profile/High ProfileVideo Bit Rate32 Kbps to 16 MbpsScalable Video Coding (SVC)H.264 and H.265 encoding supportSmart 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 MethodIpload to FTP/NAS/memory card, notify surveillance center, send email, trigger recording, trigger captureRegion of Interest1 fixed region for main stream and sub-streamImageLinkage capture | Illuminator | | |
| VideoVideoMax. Resolution2688 × 1520Main Stream50Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2688 × 1520), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (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 Coding (SVC)H.264 and H.265 encoding supportSmart Event21 Kine crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection, object removal 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 captureImageLinkage for main stream and sub-stream | IR Range | Up to 10 m | |
| Max. Resolution2688 × 1520Main StreamS0Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2688 × 1520), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)Sub StreamS0Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)Video CompressionMain stream: H.265/H.264/HJ.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 EventLine crossing detection, intrusion detection, unattended baggage detection, object removal detection, scene change detectionSmart 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 captureImage1 fixed region for main stream and sub-stream | Wavelength | 850 nm | |
| Nain Stream50Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2688 × 1520), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)Sub Stream50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)Video CompressionMain stream: H.265+/H.264//H.265/H.264H.264 TypeMain Profile/High ProfileH.265 TypeMain Profile/High ProfileVideo Bit Rate32 Kbps to 16 MbpsScalable Video Coding (SVC)H.264 and H.265 encoding supportSmart EventLine crossing detection, intrusion detection, unattended baggage detection, object removal detection, scene change detectionSnart EventUbioad to FTP/NAS/memory card, notify surveillance center, send email, trigger carding, trigger captureInageUpload to FTP/NAS/memory card, notify surveillance center, send email, trigger carding, trigger capture | Video | | |
| Main Stream60Hz: 24fps (2688 × 1520), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)Sub Stream50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)Video CompressionMain stream: H.265+/H.264/HJ.265/H.264H.264 TypeMain Profile/High ProfileH.265 TypeMain ProfileVideo Coding (SVC)H.264 and H.265 encoding supportSmart Feature-SetLine crossing detection, intrusion detection, unattended baggage detection, object removal detection, scene change detectionSmart 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 captureImage1 fixed region for main stream and sub-stream | Max. Resolution | 2688 × 1520 | |
| 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 | | |
| Sub Stream60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)Video CompressionMain stream: H.265+/H.264+/H.265/H.264H.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 Method1 fixed region for main stream and sub-streamImage | | | |
| 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 | |
| Smart 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 | Scalable Video Coding (SVC) | H.264 and H.265 encoding support | |
| Smart Eventremoval 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 | Smart Feature-Set | | |
| 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 | Smart Event | | |
| 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