

GXV3610 v2 series

Day/Night Fixed Dome HD IP Camera



GXV3610_HD / GXV3610_FHD

The GXV3610 v2 series are weather-proof Infrared (IR) fixed dome IP cameras with a high-definition 3.6mm lens - making them ideal for wide-angle monitoring of nearby subjects in environments such as banks, hotels, retail, offices, warehouses, and building entrances. The camera's advanced Image Sensor Processor (ISP) is powered by a state of the art auto-exposure/auto-white balance algorithm which allows for exceptional performance in all lighting conditions. Pair the GXV3610 v2 series with Grandstream's GVR3550 Network Video Recorder (NVR), which supports plug-n-play with all Grandstream IP cameras, to create a powerful recording and monitoring solution. The GXV3610 v2 series can also be managed with GSURF Pro (Grandstream's FREE Video Management Software that allows simultaneous control of up to 72 cameras) along with other ONVIF-complaint video management systems. This indoor/outdoor HD IP Camera features industry-leading SIP/VoIP for 2-way audio and video streaming to both video and mobile phones. It contains integrated PoE, IR-CUT for day and night mode, and a flexible HTTP API for easy integration with other surveillance systems.

Feature Highlights

- High quality 1.2 Megapixel (GXV3610_HD) and 3.1 Megapixel (GXV3610_FHD) CMOS sensors and HD lens
- Advanced multi-streaming real-time H.264, Motion JPEG at 720p or 1080p resolutions in full frame rate
- Supports Motion Detection and Notifications on PC client
- Advanced WDR (Wide Dynamic Range) in Full HD (1080p) model
- Pre/post event recording buffer
- Firmware Update and Factory Reset via GS_Search utility tool
- Supports Time-lapse recording
- Embedded Video Analytics and SIP/VoIP/IMS support
- Built-in High performance streaming server allow multiple simultaneous viewers
- Automatic discovery by Windows "Network" (UPnP) or Apple Mac (Bonjour) with Safari native support if MJPEG is selected
- Supports both variable bit rate and variable frame rate
- Enhanced H.264 encoder for lower bit rate
- Smart IR for Optimal White Balance and Exposure
- Full ONVIF conformance with extensions in the near future
- Automatic Provisioning via DHCP Option 66
- GXV3610_FHD supports wide dynamic range (WDR)

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Technical Specifications

Video Compression	H.264, MJPEG
Image Sensor Resolution	GXV3610_HD: 1/3" 1.2 Megapixel Progressive Scan CMOS, 1280H x 960V GXV3610_FHD: 1/3" 3.1 Megapixel Progressive Scan CMOS, 2048H x 1536V
Image Sensor Sensitivity	Day/Night Mode (exceptional low noise level, low light sensitivity) Shutter: 1/10000 – 1/30 second
Focal Length	3.6mm
Aperture	F1.8
Field Angle (FOV)	100.2°(D) x 77°(H) x 54°(V)
IR Cut Filter	Yes, Mechanical
Day & Night Mode	IR LED covering up to 10 meters with Smart IR software control
Minimum Illumination	0.05 Lux; 0 lux with IR LED on
Responsivity	GXV3610_HD: 5.48V/lux-sec (550nm) GXV3610_FHD: 1.9V/lux-sec (550nm)
Supported Maximum Video Resolution and Frame Rate	GXV3610_HD: 1280x960 (25fps); 1280x720 (30fps) GXV3610_FHD: 2048x1536 (15fps); 1920x1080 (30fps)
Video Bit Rate	32 Kbps ~ 8Mbps, Multi-rate for Preview and Recording
Audio Input	Built-in Microphone
Audio Output	Line-Out, 600Ω, 0.707 Vrms
Audio Compression	G.711u/a, AAC
Embedded Analytics	Motion Detection (up to 16 target areas)
Pre-/post-alarm Buffer	GXV3610_HD: 8MB GXV3610_FHD: 3MB
Snapshots	Triggered upon events, Send via email/FTP
Network Protocol	TCP/UDP/IP, RTP/RTCP, RTSP, DHCP, DDNS, HTTP, HTTPS, SMTP, FTP, NTP
Wide Dynamic Range (WDR) Support	Yes (GXV3610_FHD only)
Privacy Mask Support	Yes, 4 zones
SIP/VoIP Support	Yes
Smart IR Support	Yes (Optimal White Balance and Exposure)
Time-Lapse Recording	Yes
Power over Ethernet (PoE)	IEEE 802.3af, class 0
External Cable Connection	Network: RJ45, 10M/100M auto-sensing 3.5mm Line-Out Power Input
Dimensions (D x L)	120mm (D) x 100mm (H)
Weight	0.7kg
Temperature / Humidity	Operating: -20°C ~ +50°C (-4° ~ 122°F), 10 ~ 90% RH (non-condensing) Storage: ~30°C ~ 60°C (-22°F ~ 140°F)
Power Adapter	Output: 12VDC/1A; InputL 100 ~ 240 VAC, 50 ~ 60 Hz
Casing	IP66 compliant weather-proof metal case
Regulatory Compliance	FCC Part 15, Subpart B Class B; CE EN 55022 Class B, EN 61000-3-2, EN 61000-3-3 EN 55024, EN 60950-1; C-Tick AS/NZS CISPR 22, CISPR 24, IP66