

GXV3610_HD / GXV3610_FHD

Day/Night Fixed Dome HD IP Camera



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The GXV3610 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, including low light settings. The GXV3610 series can be managed with GSURF Pro (Grandstream's FREE Video Management Software that allows simultaneous control of up to 36 cameras) along with other ONVIF-complaint video management systems. The GXV3610 is an indoor/outdoor HD IP Camera that features industry-leading SIP/VoIP for 2-way audio (using the camera's built-in microphone) and video streaming to both video and mobile phones. It contains integrated PoE, IR-CUT for day and night mode, advanced security protection and a flexible HTTP API for easy integration with other monitoring systems.

Feature Highlights

- High quality 1.2 and 3.1 Megapixel CMOS sensors and HD lens
- Advanced multi-streaming rate real-time H.264, Motion JPEG at 720p or 1080p resolutions in full frame rate
- Built-in high performance streaming server to allow multiple simultaneous viewers
- Supports Motion Detection and Notifications on PC client
- Pre/post event recording buffer
- Supports both variable bit rate and variable frame rate
- Integrated PoE (802.3af)
- Embedded video analytics and SIP/VoIP/IMS support
- Full ONVIF conformance with extensions in the near future

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GXV3610_HD / GXV3610_FHD 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
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)
Pixel Dynamic Range	GXV3610_HD: Wide Dynamic Range of 120dB with SNRMAX 44dB GXV3610_FHD: Wide Dynamic Range of 100dB with SNRMAX 39dB
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
SIP/VoIP Support	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