

# 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

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