

# **GXV3601\_HD** **High Definition IP Camera**



**GXV3601\_HD** is a next generation High Definition (720P) IP camera of extraordinary power and innovation. It features cutting edge H.264 real-time video compression (720P resolution) with excellent image clarity, industry leading SIP/VoIP for full duplex 2-way audio and video streaming, integrated PoE, embedded analytics, large pre-/post-event recording buffer, and advanced security protection. It supports the most comprehensive peripheral interfaces for alarm control, local storage expansion, and wireless network connection, offering sophisticated and best-in-class control flexibility and scalability. The GXV3601\_HD can be managed with GSurf, Grandstream's FREE video management software.

## **Feature Highlights**

- High resolution 2 Megapixels CMOS sensor and premium lens to ensure high fidelity picture quality
- Support advanced real-time H.264 (with multi-streaming-rate) and Motion JPEG at 720P resolution, variable bit rate & frame rate, and video watermark
- Support sensor alarm input, relay output, USB, SD, integrated Power-over-Ethernet (802.3af), and 8MB pre-/post-event recording buffer
- Built-in high performance streaming server to allow 6+ simultaneous HD viewers
- Embedded video analytics, SIP/VoIP support for full duplex two-way audio as well as video streaming to mobile phones and video phones
- Support e-PTZ function and support IE and Firefox for network preview

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Moedels	GXV3601_HD
Video Compression	H.264, JPEG, Motion JPEG
Image Sensor	Aptina 2-Megapixel 1/3.2" CMOS sensor, 1,600H x 1,200V, with low noise levels and low-light sensitivity
Lens Type	1/3", 3.5-8mm, F1.4, Mega Manual-Iris, CS
Day & Night	No
Minimum Illumination (Lux)	0.5Lux at F1.2
Sensibility	1.0V/lux-sec (550nm)
Max Video Resolution	1,600 x 1,200
Pixel Dynamic Range	71dB, with SNRMAX 41dB
Max Frame Rate in Max Resolution	20fps for 1,600x900, 25fps for 1,280 x 720, 30fps for 800x450
Video Bit Rate	32 Kbps – 4 Mbps, adjustable (8 Mbps maximum)
Video Output	N/A
Audio Input	3.5mm LINE-IN, built-in microphone
Audio Output	3.5mm LINE-OUT
Alarm Input	Yes – 1, Normal Open
Alarm Output	Yes – 1, 125VAC/0.5A, 30VAC/2A
Audio Compression	G.711, G.726
Serial Ports	RS485
IRIS Control	Manual Iris
Embedded Analytics	Motion detection (up to 16 target areas), video loss (pending)
Pre-/post-alarm Buffer	24MB
Snapshots	Triggered upon events, sent via email/FTP
Multi-streaming-rate for Preview & Recording	Yes
Security	Video watermark, HTTPS, Password
Network Port	10M/100M auto-sensing, RJ45
Network Protocol	TCP/UDP/IP, RTP/RTCP, RTSP, DHCP, PPPoE, DDNS, HTTP, HTTPS
Power over Ethernet (PoE)	Yes, IEEE 802.3af Class 3
Peripheral Ports	SD 2.0, USB 2.0
SIP/VoIP Support	Yes
Dimensions (L x W x H)	155mm x 68mm x 64mm
Weight	0.6kg
Temperature / Humidity	0°C – 45°C (32°F–133°F) Humidity 10–90% RH (non-condensing)
Power Adaptor	Output: 12VDC/1A; Input:100–240VAC, 50–60Hz
Compliance	FCC Part 15, Subpart B Class B;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

