

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 video streaming to mobile phones and video phones, integrated PoE, large pre/post event recording buffer, and advanced security protection. It supports the most comprehensive peripheral interface for alarm control, local storage expansion or wireless network connection. The GXV3601_HD can be managed by GSurf_Pro (Grandstream's intuitive FREE video management software that controls up to 36 cameras simultaneously) as well as other ONVIF compliant VMS. It also offers an advanced and flexible HTTP API for easy integration with other 3rd party applications.

Feature Highlights

- High resolution 2 Megapixels CMOS sensor and premium lens to ensure HD picture quality
- Advanced multi-rate (variable bit rate and frame rate) real-time video streaming using H.264 or Motion JPEG at HD 720p resolution
- Support sensor alarm input, relay output, USB, SD card, with 24MB pre/post event recording buffer
- Built-in high performance streaming server to allow 6+ simultaneous HD viewers
- SIP/VoIP support for full duplex 2-way audio as well as video streaming to mobile phones and video phones
- Integrated Power-over Ethernet (802.3af)
- Support e-PTZ function
- Full ONVIF conformance with extensions in the near future

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Technical Specifications

Video Compression	H.264, JPEG, Motion JPEG
Image Sensor	Aptina 2 Megapixel CMOS Sensor, 1600H x 1200V, low noise levels and low light sensitivity
Lens Type	1/3", 2.8 ~ 12mm, F1.4, Manual Iris, CS Mount (changeable)
Day & Night	No
Minimum Illumination	0.5Lux
Sensibility	1.0V/Lux-sec (550nm)
Maximum Video Resolution	1600 x 1200
Pixel Dynamic Range	71dB, with Max. SNR 41dB
Max. Frame Rate in Max. Resolution	1600x1200 @15FPS; 1280x960 @23FPS; 1280x720 @30FPS; 1024x768 @30FPS; 800x592 @30FPS; 800x480 @30FPS; 640x480 @30FPS; e-PTZ, etc.
Video Bit Rate	16Kbps ~ 8Mbps adjustable, two video streams
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 Port	RS485
Iris Control	Manual Iris
Embedded Analytics	Motion detection (up to 16 target areas)
Pre/Post Alarm Buffer	24MB
Snapshots	Triggered upon events, send via email/FTP
Multi-Streaming Preview & Recording	Yes (Primary stream and 2nd stream)
Security	Video watermark (OSD), 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 Port	SDHC 2.0; USB2.0
SIP/VoIP Support	Yes
Dimensions (L x W x H)	155mm x 68mm x 64mm
Weight	0.6kg
Temperature / Humidity	Operating: 0 ~ 45°C (32 ~ 113°F), 10 ~ 90% RH (non-condensing)
Power Adapter	Output: 12VDC/1A; Input: 100 ~ 240VAC, 50 ~ 60Hz
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

