GXV3615WP_HD
Cube High Definition IP Camera

Grandstream
Innovative IP Voice & Video

GXV3615WP_HD cube high definition IP camera is an innovative powerful next generation network camera. It features cutting edge H.264 real-time video compression with excellent image clarity (720p) and color fidelity, industry leading SIP/VoIP for 2-way audio and video streaming to mobile phones and video phones, integrated PoE, integrated Wi-Fi (b/g/n), integrated microphone and speaker, microSDHC for local alarm storage and emergency video recording, large pre-/post-event recording buffer, and advanced security protection using strong encryption. The GXV3615WP_HD can be managed with GSurf, Grandstream's FREE VMS (video management systems) software that controls up to 36 cameras simultaneously; or record video using GSNVR, Grandstream's FREE network and PC based DVR (digital video recorder) software. It is fully compliant with ONVIF standard and offers flexible HTTP API and an SDK for advanced integration.

Feature Highlights

- High quality 2-Megapixel CMOS sensor and lens to ensure razor sharp picture quality
- Advanced multi-streaming-rate (variable bit rate and frame rate) real time video using H.264 or Motion JPEG at HD 720p resolution
- Support 24MB pre-/post-event recording buffer
- Built-in microphone and speaker with industry-leading SIP/VoIP capability for two-way audio as well as video streaming to mobile phones and video phones
- Support motion detection, alert notification (via Emai or SIP call, etc.), local alarm storage and emergency video recording (microSDHC card required), electronic zoom
- Support IE and Firefox browsers for network preview (Chrome and Safari pending)
- Built-in high performance streaming server to allow 6+ simultaneous HD viewers
- Compatible with Grandstream's HTTP API/SDK for advanced integration and further development
- Integrated Power-over-Ethernet (802.3af) and Wi-Fi (802.11b/g/n)
- Full ONVIF compliance

Video Compression	H.264, MJPEG, JPEG
Image Sensor	1/3.2", 2-Megapixel CMOS, 1600H x 1200V pixels resolution, excellent low noise levels
Lens Type	1/3", M12 Megapixel, f=4.2mm, F1.8
Day & Night	No
Minimum Illumination	0.05Lux
Responsivity	1.0V/lux-sec (550nm)
Max. Video Resolution	1600x1200, 1280x720, 1024x768, 800x592, 800x480, 640x480, 640x368, 480x368, 480x272, 320x240, 320x176, 256x192, 256x144, 160x112, ePTZ (320x240)
Pixel Dynamic Range	71dB, with SNR max. 41dB
Max Frame Rate in Max Resolution	H.264: 15fps@1600x1200; 25fps@1280x960; 30fps@1280x720; 30fps@800x480 MJPEG: 10fps@1024x768; 20fps@800x480
Video Bit Rate	32 Kbps ~ 2 Mbps (adjustable)
Audio Input	Built-in microphone
Audio Output	Built-in speaker
Audio Compression	G.711 U/A, AAC
Embedded Analytics	Motion detection (up to 16 regions)
Video Management System	ONVIF compliant, HTTP API for advanced integration
Pre-/post-alarm Buffer	24MB
Pre-/post-alarm triggered record	Pre-30s and post-60s recording@2Mbps; Pre-50s and post-100s recording@1Mbps
Snapshots	Triggered upon events, send via email/FTP, or stored in local micro-SDHC card (not provided)
Multi-streaming-rate for Preview & Recording	Yes
Optics Control	Auto Exposure, Auto White Balance
Image Flip	Yes (180° degree vertical)
ePTZ	Yes (at 320x240 resolution)
Security	Login password, access privilege management
Network Port	10M/100M auto-sensing, RJ45
Network Protocol	TCP/UDP/IP, RTP, RTSP, DHCP, DDNS, HTTP/HTTPS, SMTP, FTP, NTP, PPPoE
Power over Ethernet (PoE)	IEEE 802.3af, class 0
Wi-Fi (802.11b/g/n)	Internal antenna
SIP/VoIP Support	Yes, Voice & Video-over-IP
Dimensions (W x H x L)	90mm x 90mm x 45mm
Weight	0.133kg (base only); Stand: 0.121kg; Package weight: 0.568kg
Temperature / Humidity	0°C – 45°C (32°F–113°F); Humidity 10–90% RH (non–condensing)
Power Adapter	Output: 12VDC/0.5A; Input:100–240VAC, 50–60Hz
Package Content	GXV3615WP_HD base unit, desk stand (also as wall-mounting kit), universal power supply, network cable, Quick Start Guide
Regulatory Compliance	FCC Part 15 B, Part15.247; EN55022, EN55024, EN300328, EN301489, EN62311, EN 60950-1 AS/NZS CISPR 22/ CISPR 24, AS/NZS 4268, AS/NZS 4771; RoHS; UL 60950 (power adapter)