

GXV3672_HD / GXV3672_FHD Outdoor Day/Night HD IP Camera



GXV3672 series is a powerful weather-proof Infrared HD IP camera of outstanding performance and quality. Its advanced ISP (Image Sensor Processor) powered with state-of-the-art auto-exposure/auto-white-balance algorithm and a high quality lens, ensures high fidelity video quality that matches digital still camera color grade in a wide range of light environments. It features cutting edge H.264 real-time video compression with excellent image clarity, industry leading SIP/VoIP for video streaming to mobile phones and video phones, integrated PoE, IR-CUT for day/night mode, and advanced security protection. The GXV3672 series can be managed with GSurf_Pro (Grandstream's intuitive FREE video management software that controls up to 36 cameras simultaneously) as well as other ONVIF compliant video management systems. It also offers an advanced and flexible HTTP API for easy integration with other monitoring systems. The GXV3672 series is a powerful network camera for professional surveillance application in outdoor environments.

Feature Highlights

- High quality 1.2 Megapixel and 3.1 Megapixel CMOS sensors and HD lens
- Advanced multi-streaming rate real-time H.264, Motion JPEG at 720p and 1080p resolutions at full frame rate
- Pre/post event recording buffer
- Support Motion Detection and Notification on PC Client
- Support both variable bit rate and variable frame rate
- Built-in high performance streaming server to allow at least 4 simultaneous viewers
- Embedded video analytics and SIP/VoIP support
- Integrated Power-over-Ethernet (802.3af)
- Full ONVIF conformance with extensions in the near future

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GXV3672_HD / GXV3672_FHD

Technical Specifications

Video Compression	H.264, MJPEG
Image Sensor Resolution	GXV3672_HD: 1/3", 1.2 Megapixel CMOS, 1280H x 960V GXV3672_FHD: 1/3", 3.1 Megapixel CMOS, 2048H x 1536V
Image Sensor Sensitivity	Day & night mode, exceptionally low noise levels and low-light sensitivity. Shutter time: 1/10000 – 1/30 second
Focal Length	8mm
Aperture	F1.8
Field Angle (FOV)	46°(D) x 36°(H) x 26.5°(V)
IR Cut Filter	YES
Day & Night Mode	Infrared LED covering up to 30m
Minimum Illumination	0.05Lux, 0Lux with IR
Responsivity	GXV3672_HD: 5.48V/lux-sec (550nm) GXV3672_FHD: 1.9V/lux-sec (550nm)
Pixel Dynamic Range	GXV3672_HD: Wide dynamic range of 120dB with SNRMAX 44dB GXV3672_FHD: Wide dynamic range of 100dB with SNRMAX 39dB
Supported Maximum Video Resolution and Frame Rate	GXV3672_HD: 1280x960 (30fps) GXV3672_FHD: 2048x1536 (15fps); 1920x1080 (30fps)
Video Bit Rate	32 Kbps ~ 8 Mbps, multi-rate for preview & recording
Embedded Analytics	Motion detection (up to 16 target areas)
Pre-/post-alarm Buffer	GXV3672_HD: 8MB GXV3672_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 Video Output: RCA Power Input
Dimensions (D x L)	94mm (D) x 230mm (L)
Weight	0.52kg
Temperature / Humidity	Operating: -20°C ~ +45°C (-4°F ~ 113°F), 10 ~ 90% RH (non-condensing) Storage: -30°C ~ 60°C (-22°F ~ 140°F)
Power Adapter	Output: 12VDC/1A; Input: 100 ~ 240VAC, 50 ~ 60Hz
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