GXV3674_HD_VF / GXV3674_FHD_VF

Outdoor Day/Night Vari-focal HD IP Cameras

Grandstream
Innovative IP Voice & Video

GXV3674_HD_VF / GXV3674_FHD_VF

The GXV3674 series are powerful weatherproof Infrared (IR) IP cameras offering an adjustable vari-focal High-Definition lens – making them ideal for any outdoor/indoor setting where weather and light conditions constantly change. Each camera's variable-focal lens allows the user to adjust the lens to best fit their monitoring needs, which allows the GXV3674 to monitor nearby areas, such as a building entrance, and distant focuses, such as a parking lot. Its' advanced Image Sensor Processor (ISP) is powered with a state of the art auto-exposure/auto-white balance algorithm which allows for exceptional performance in all lighting conditions, including low light settings. The GXV3674 series can be managed with GSURF Pro (Grandstream's FREE Video Management Software that allows simultaneous control of up to 36 cameras) along with other ONVIF-complaint video management systems. It features industry-leading SIP/VoIP for 2-way audio (using the camera's Audio_In port) and video streaming to both video and mobile (smart) phones. The GXV3674 contains integrated PoE, IR-CUT for day and night mode, advanced security protection and flexible HTTP API for easy integration with other monitoring systems.

Feature Highlights

- Vari-focal HD lens (2.8mm-12mm) with DC-IRIS and the capability to zoom or focus without opening the case
- High quality 1.2 and 3.1 Megapixel CMOS sensors
- Advanced multi-streaming rate real-time H.264
- Motion JPEG (M-JPEG) at 720p and 1080p resolutions
- Built-in high performance streaming server to allow multiple simultaneous viewers

- Supports Motion Detection and Notifications on PC client
- Pre/post event recording buffer
- Supports both variable bit rate and variable frame rate
- Integrated PoE (802.3af)
- Embedded video analytics and SIP/VoIP/IMS support
- Full ONVIF conformance with extensions in the near future

Video Compression	H.264, MJPEG
Image Sensor Resolution	GXV3674_HD_VF: 1/3" 1.2 Megapixel Progressive Scan CMOS, 1280H x 960V GXV3674_FHD_VF: 1/3", 3.1 Megapixel Progressive Scan CMOS, 2048H x 1536V
Image Sensor Sensitivity	Day/Night mode (exceptional low noise level, low light sensitivity) Shutter: 1/10000 - 1/30 second
Focal Length	2.8 - 12 mm
Aperture	F1.4, DC-IRIS
Field Angle (FOV)	90° - 28°(Horizontal Field)
IR Cut Filter	Yes, Mechanical
Day & Night Mode	IR LED covering up to 25 meters
Minimum Illumination	0.05 Lux; 0 lux with IR LED on
Responsivity	GXV3674_HD_VF: 5.48V/lux-sec (550nm) GXV3674_FHD_VF: 1.9V/lux-sec (550nm)
Supported Maximum Video Resolution and Frame Rate	GXV3674_HD_VF: 1280x960 (25fps); 1280x720 (30fps) GXV3674_FHD_VF: 2048x1536 (15fps); 1920x1080 (30fps)
Video Bit Rate	32 Kbps ~ 8Mbps, Multi-rate for Preview and Recording
Audio Input	Line-in, 1500 ohms, 0.1 Vrms ~ 0.707Vrms
Audio Output	Line-Out, 600 ohms, 0.707 Vrms
Audio Compression	G.711u/a, AAC
Embedded Analytics	Motion Detection (up to 16 target areas)
Pre-/post-alarm Buffer	GXV3674_HD_VF: 8MB GXV3674_FHD_VF: 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 3.5mm Line-In, 3.5mm Line-Out Power Input
Dimensions (D x L)	255mm (L) x 104mm (W) x 187mm (H)
Weight	1.10kg
Temperature / Humidity	Operating: -20°C ~ 50°C (-4° ~ 122°F), 10 ~ 90% RH (non-condensing) Storage: ~30°C ~ 60°C (-22°F ~ 140°F)
Power Adapter	Output: 12VDC/1A; Input: 100 ~ 240 VAC, 50 ~ 60 Hz
Casing	IP66 Compliant Weather-proof Metal Case
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