

# GXV3674\_HD\_VF / GXV3674\_FHD\_VF

## Outdoor Day/Night Vari-focal HD IP Cameras



### 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

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# ***GXV3674\_HD\_VF / GXV3674\_FHD\_VF***

## ***Technical Specifications***

<b>Video Compression</b>	H.264, MJPEG
<b>Image Sensor Resolution</b>	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
<b>Image Sensor Sensitivity</b>	Day/Night mode (exceptional low noise level, low light sensitivity) Shutter: 1/10000 - 1/30 second
<b>Focal Length</b>	2.8 - 12 mm
<b>Aperture</b>	F1.4, DC-IRIS
<b>Field Angle (FOV)</b>	90° - 28°(Horizontal Field)
<b>IR Cut Filter</b>	Yes, Mechanical
<b>Day &amp; Night Mode</b>	IR LED covering up to 25 meters
<b>Minimum Illumination</b>	0.05 Lux; 0 lux with IR LED on
<b>Responsivity</b>	GXV3674_HD_VF: 5.48V/lux-sec (550nm)      GXV3674_FHD_VF: 1.9V/lux-sec (550nm)
<b>Pixel Dynamic Range</b>	GXV3674_HD_VF: Wide Dynamic Range of 120dB with SNRMAX 44dB GXV3674_FHD_VF: Wide Dynamic Range of 100dB with SNRMAX 39dB
<b>Supported Maximum Video Resolution and Frame Rate</b>	GXV3674_HD_VF: 1280x960 (25fps); 1280x720 (30fps) GXV3674_FHD_VF: 2048x1536 (15fps); 1920x1080 (30fps)
<b>Video Bit Rate</b>	32 Kbps ~ 8Mbps, Multi-rate for Preview and Recording
<b>Audio Input</b>	Line-in, 1500 ohms, 0.1 Vrms ~ 0.707Vrms
<b>Audio Output</b>	Line-Out, 600 ohms, 0.707 Vrms
<b>Audio Compression</b>	G.711u/a, AAC
<b>Embedded Analytics</b>	Motion Detection (up to 16 target areas)
<b>Pre-/post-alarm Buffer</b>	GXV3674_HD_VF: 8MB      GXV3674_FHD_VF: 3MB
<b>Snapshots</b>	Triggered upon events, Send via email/FTP
<b>Network Protocol</b>	TCP/UDP/IP, RTP/RTCP, RTSP, DHCP, DDNS, HTTP, HTTPS, SMTP, FTP, NTP
<b>SIP/VoIP Support</b>	Yes
<b>Power over Ethernet (PoE)</b>	IEEE 802.3af class 0
<b>External Cable Connection</b>	Network: RJ45, 10M/100M Auto-Sensing 3.5mm Line-In, 3.5mm Line-Out Power Input
<b>Dimensions (D x L)</b>	255mm (L) x 104mm (W) x 187mm (H)
<b>Weight</b>	1.10kg
<b>Temperature / Humidity</b>	Operating: -20°C ~ 50°C (-4° ~ 122°F), 10 ~ 90% RH (non-condensing) Storage: ~30°C ~ 60°C (-22°F ~ 140°F)
<b>Power Adapter</b>	Output: 12VDC/1A; Input: 100 ~ 240 VAC, 50 ~ 60 Hz
<b>Casing</b>	IP66 Compliant Weather-proof Metal Case
<b>Compliance</b>	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