



The **GXV3504** is a next generation IP video server/encoder with powerful innovations. It packs a number of cutting-edge technologies including H.264 real time video compression (D1 resolution) with sharp image clarity at low-to-modest bandwidth, industry leading SIP/VoIP for 2-way audio and video streaming to mobile phones and video phone, PoE, embedded analytics, large pre-/post-event recording buffer, and advanced security protection. Its unique incorporation of the most comprehensive peripheral support for alarm control, local storage creates sophisticated and best-in-class control flexibility and scalability. The GXV3504 can be managed with Gsurf_Pro, Grandstream's intuitive video management software that controls up to 36 cameras simultaneously. The GXV3504 offers an excellent investment reservation solution for converting traditional analog cameras to digital/IP (internet) at professional surveillance environment.

Feature Highlights

- Advanced multi-streaming real-time H.264, Motion JPEG at D1 resolution.
- 1 or 4 Analog video inputs (BNC) and 1 or 4 alarm input & outputs
- Shared Line In/Out Audio input/output; RS485/232 PTZ Control, DI/DO interface
- 24MB pre-/post-event recording buffer per port
- SD slot for local alarm storage
- Integrated Power-over-Ethernet (802.3af)
- Embedded video analytics including motion detection (up to 16 target areas)
- SIP/VoIP support for two-way audio communications and video streaming to mobile phones and video phones
- Built-in high performance streaming server to allow up to 12 simultaneous D1 viewers or 25 CIF viewers

Channels	4
Video Compression	H.264 BP @ Level 3.0, JPEG, Motion JPEG
Max Video Resolution	Full D1: 720p x 576 (PAL); 720 x 480 (NTSC)
Max Frame Rate in Max Resolution	4 Ports at CIF at full rate, or 2 Port D1 & 2 Port CIF at full rate, or 4 port at D1 at reduced rate
Video Bit Rate	16 Kbps – 2 Mbps
Video Input	4 (BNC), voltage 1.0vp-p, resistance 75Ω
Audio Input	4 (BNC), 3.5mm Line-In
Audio Output	3.5mm Line-Out
Audio Compression	G.711, G.726
Alarm Input	4
Alarm Output	4 (125VAC/0.5A, 30VDC/2A)
PTZ Control	Yes
Serial Ports	RS485/RS232
Embedded Analytics	Motion detection (up to 16 target areas)
Pre-/Post Alarm Buffer	24MB (per channel)
Snapshots	Trigger upon events, send via email/FTP
Multi-streaming for Preview & Recording	Yes
Security	Video watermark, HTTPS, Password
Power over Ethernet (PoE)	Standard, IEEE 802.af Class 3
Peripheral Ports	SDHC, USB 2.0
SIP/VoIP Support	Yes
Dimensions (L x W x H)	230mm x 155mm x 43mm
Weight	1kg
Temperature / Humidity	Operating: -10°C ~ 55°C (14°F ~ 131°F), 10 ~ 90% (non-condensing)
Power Adaptor	Output: 12VDC/1.5A; Input: 100–240VAC, 50–60Hz
Compliance	FCC Part 15, Subpart B Class B; 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

