



GXV3500

Video Encoder, Decoder and P.A.S. Device

The GXV3500 is an IP video encoder, decoder and public announcement system combo device. It features H.264 real-time video compression for encoding analog video to IP or decoding IP video to analog, making the GXV3500 a necessary component of any surveillance solution that requires both IP and analog streams. The GXV3500 offers excellent image quality, industry leading SIP/VoIP for 2-way audio and video streaming to mobile phones and video phones, integrated PoE, a large pre-/post-event recording buffer, and advanced security protection. Its integration of comprehensive peripherals including Microphone Input, Alarm Input and Output control allows the device to function as a powerful and flexible voice/video public announcement system (PAS) using Microphones, IP phones or IP video phones. Peering the GXV3500 will allow users using a joystick controller to operate any PTZ analog camera remotely via an IP network. The GXV3500 allows users to fully utilize existing equipment they have already invested in and upgrade to an advanced IP solution. The GXV3500 can be managed by GSurf_Pro v2 and GVR3550. The GXV3500 offers an HTTP API and is fully compliant with ONVIF standard.



Supports Motion Detection with up to 16 motion detection target areas



Supports a variety of alert notifications thanks to audio/video streaming

SIP

SIP/VoIP support of two-way audio and video streaming



Records and monitors in up to 1080p full HD video resolution



Built-in Power over Ethernet (PoE)

Video Compression	H.264, JPEG, Motion JPEG	
Max Frame Rate in Max Resolution	30fps/25fps for D1 (NTSC/PAL)	
Video Bit Rate	16 Kbps - 2 Mbps	
Video Input	BNC (voltage1.0Vp-p, resistance 75 ohm)	
Audio Input	3.5mm, Microphone IN	
Audio/Video Output	3.5mm, AV cable to TV Audio & Video Input	
Alarm Input	Digital input port. Normal open (low), Current (DC) <50mA. Voltage <45V to activate	
Alarm Output	Digital output port. Normal open, Voltage <80V,Current <50mA	
Audio Compression	G.711a/u, AAC	
Serial Ports	RS485 (PTZ control)	
Embedded Analytics	Motion detection (up to 16 target areas)	
Pre/Post Alarm Buffer	24MB	
Snapshots	Triggered upon events, send via email/FTP	
Multi streaming rate for Preview and Recording	Yes	
Security	Video watermark , HTTPS, User Password	
Network Ports	10M/100M auto-sensing, RJ45	
Protocol	TCP/UDP/IP, RTP/RTCP, RTSP, DHCP, DDNS, HTTP, HTTPS, SMTP, FTP, NTP	
PoE	IEEE 802.3af, Class 0	
SIP/VoIP Support	Yes, Voice & Video-over-I	
Dimensions	67mm x 34mm x 96mm	
Weight	121g or 4.3oz	
Temperature/Humidity	0 degrees Celcius - 45 degrees celcius; Humidity 10-90% RH (non-condensing)	
Power Adapter	Output: 12VDC/0.5A; Input: 100-240VAC,50/60Hz	
Compliance	FCC,CE,C-Tick	
Max Video Resolution: Encoding	NTSC : 704x480@30fps (4CIF) 640x480@30fps (VGA) 352x240@30fps (CIF) 320x240@30fps (QVGA) 176x112@30fps (QCIF)	PAL: 704x576@25fps (4CIF) 640x480@25fps (VGA) 352x288@25fps (CIF) 320x240@25fps (QVGA) 176x144@25fps (QCIF)
Max Video Resolution: Decoding	NTSC: 720x480@30fps(4CIF) 640x480@30fps (VGA) 352x240@30fps (CIF) 320x240@30fps (QVGA) 176x112@30fps (QCIF)	PAL: 720x576@25fps (4CIF) 640x480@25fps (VGA) 352x288@25fps (CIF) 320x240@25fps (QVGA) 176x144@25fps (QCIF)