Video Encoder, Decoder and P.A.S. Device
GXV3500

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/VoIP support of two-way audio and video streaming

Records and monitors in 4CIF/VGA	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 Output
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 Compession	G.711a/u
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-IP
Dimensions	67mm x 34mm x 96mm
Weight	121g or 4.3oz
Temperature/Humidity	0 degress 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)
Max Video Resolution: Decoding	NTSC: 720x480@30fps(4CIF) 640x480@30fps (VGA) 352x240@30fps (CIF) 320x240@30fps (QVGA) 176x112@30fps (QCIF)