

# 1 Camera IP Video Server with On Board SD Card Recording, H264 Compression and Power over Ethernet (Model: X101VS)



The X101VS is a high resolution Video Server (Codec) unit for converting analogue equipment to IP. The unit works with any analogue device with a video or audio output. It is supplied with free recording and playback software for Windows PCs, and provides a quick and simple way to upgrade existing CCTV cameras to IP.

The X101VS also features RS485 connectivity so that it will work with Speed Domes, adding full web based remote control of pan, tilt and zoom. Additionally the unit can be accessed remotely from mobile smartphones with advanced features for iOS (iPad/iPhone) and Android users.

The main features include:

- Excellent 704x576 D1 picture quality
- View and hear analogue CCTV cameras and DVRs remotely from anywhere in the world using a PC, Mac or Mobile Phone
- Make recordings directly on to the Video Server by inserting a SD Card into it, then log in remotely to play them back
- Receive Email Alerts with videos or snapshots whenever the Video Server detects motion
- Connect a pair of speakers for 2 way audio communication or an Audible Alarm when motion is detected
- Allows remote pan, tilt and zoom control of Speed Domes
- Simple to setup and use, can be connected directly to your internet connection, no PC needed
- H264 compression for up to 8x better performance than MJPEG & MPEG4 based IP cameras
- Power over Ethernet compatible
- Expand your system easily using the powerful Xvision multi-camera Viewing & Recording software provided



Video Server - Front



Video Server - Rear

# Specifications

Model: X101VS

Image



## Type

Style	IP Video Server (Codec) with H264 compression, Power over Ethernet & SD card recording
Weather Resistant	No
Audio	Audio In Audio Out
Mounting Type	Desk
Product Dimensions (without bracket)	Width: 132mm, Height: 30mm, Depth: 136mm
Product Weight	1.0 Kg
Shipping Dimensions	Width: 280mm, Height: 110mm, Depth: 240mm
Shipping Weight	TBC
Warranty	1 Year Warranty (Extendable to 3 years)

## Inputs/Outputs

Video In	1 BNC Socket
Video Out	1 Channel (Phono)
Audio In	1 Channel (3.5mm Jack)
Audio Out	1 Channel (3.5mm Jack)
RS485 Output	For Speed Domes and Pan Tilt Zoom cameras
RS232 Output	PC Communication
Alarm In	4 Inputs
Alarm Out	2 Outputs

## Performance

Video Compression	H264
Video Streams	11 Independent Streams + 2 Region Of Interest Streams
Stream Types	HTTP, RTSP, UDP
Video Resolution & Frame Rates	D1/BCIF/CIF/QCIF at up to 25 fps

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## Networking

Network Connection	RJ45 Socket (10/100 BASE-T)
Wi-Fi Support	N/A
Network Functions	HTTP, TCP/IP, ICMP, RTSP, RTP, UDP, RTCP, SMTP, FTP, DHCP, DNS, DDNS, PPPOE
Remote Functions	Monitor, PTZ control, Playback, System Setting, File Download, Log Information, Maintenance & Upgrade

## Remote Access

Browser Support	Chrome, Internet Explorer, Safari
Mobile Phone Support	Android, Blackberry, iPhone, Nokia (Symbian), Windows Mobile
User Authentication	User Name & Password, IP Filtering
Simultaneous Viewers	Using Unicast: 20 Using Multicast: Unlimited

## Power Requirements

Power over Ethernet	Yes
Operating Voltage	12V DC (UK Type power supply supplied)
Power Consumption	<5W

## Other Features

Easy Fit	Optional Xvision Ethernet over Mains adaptor required
Motion Detection	Yes
Privacy Masking:	Yes
Guard Tours	N/A
Email Alerts	Yes
On Board Recording	Yes (SD card)
Alarms	Yes
Multi Camera Software	Yes