



### Feature Highlights

- Web Server Application
- Decode H.264 or MJPEG
- PAL/NTSC Output
- 4CIF Down to QCIF Video
- Resolution at full frame rate
- G.711 Audio decoding
- End to End Low Latency
- Bi-Directional Audio
- TTL inputs & relay output
- Optional PoE
- Compact size

#### Compact Single Channel Video & Audio Decoder

The X8 Decoder is a stand alone compact video and audio decoder, compatible with Weibridge X8 and X10-8 encoders. It decodes H.264 or MJPEG video stream and G.711 audio stream, from the IP network, into standard analog video and audio signals.

The analog camera signal can be converted by Weibridge encoders, to a digital network stream. The X8 decoder will receive the stream, anywhere that the IP network is available, without any distance considerations, decoded it back to an analog signal and transfer it to the attached monitor or video switch.

A standard analog monitor, easy deployment of a single view monitoring station, anywhere that an IP network connection is available, without any need for a PC.

The X8 decoder allows full command and control of video parameters such as resolution, bit rate and frame rate, via the integrated user friendly web interface.

4CIF, CIF and QCIF resolutions are supported at up to full frame-rate (30/25 fps).

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#### US Office

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## Specifications

### VIDEO

Video In	Single Composite BNC (1Vpp 75 Ohm NTSC/PAL)
Resolutions	4CIF, CIF, QCIF
Compression	H.264, MJPEG
Frame Rate	1 - 30 fps programmable for all resolutions
Latency	Maximum 150 ms

### AUDIO

Audio In	Single Mono 3.5mm Audio Jack
Audio Out	Single Mono 3.5mm Audio Jack
Compression	G.711

### NETWORK

Interface	10/100 Fast Ethernet, RJ-45
Protocols	RTP, RTSP, HTTP, UDP, TCP/IP

### ALARMS

Input	Two Bi-Directional TTL
Output	Single DPDT Relay
Connector	Terminal Block

### SERIAL PORT

Interface	RS232, RS422/485
Connector	Terminal Block
PTZ Support	Yes

### SYSTEM

Processor	TI DM6446 @ 594MHz
Flash	16MB
DDR Memory	128MB DDR II
On Board Storage	Up to 16GB Micro SD Card, Optional
Embedded OS	Linux 2.6
LEDs	Three Status LEDs (Power, Video, Analytics Engine)
Power	12VDC, Optional PoE

### ENVIRONMENT

Operating Temperature	0°C - 50°C
Storage Temperature	-40°C to 85°C
Relative Humidity	5% to 90% Non Condensing
	FCC part 15 class A , CE EMC class A , CE safety class A

### WARRANTY

One year limited warranty

### WEIGHT

250 gr (including chassis), 8.78 oz

### DIMENSIONS

L: 3.48 inches [88.5mm] x W:2.6 inches [66.2mm] x H:1.67 inches [42.6mm]



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