

The Weibrige X7-2 is a 4 channel, intelligent video server delivering high quality H.264, MPEG-4 or MJPEG video compression plus advanced video analytics from the leading vendors. As a standalone leading edge solution the Weibrige X7-2 transforms standard analog video surveillance cameras into a high performance video streaming and content analysis product. The X7-2 video server is equipped with PTZ control, TTL inputs and relay outputs. The alarms, relays and serial ports allow users to remotely manage events.

Feature Highlights



- Quad Video Port Encoder, with dual Video Outputs**
- Multi Streaming - H.264, MPEG-4 and MJPEG Simultaneously**
- 4CIF Down to QCIF Video**
- Resolution at full frame rate**
- On-Board Rule Management**
- End to End Low Latency Bi-Directional Audio**
- Alarm I/O via TTL and Relay**
- Available in Commercial or Extended Temperature Grade**

High Resolution - Full Motion Video

Weibrige X7-2 provides high quality digitized video over standard IP Ethernet networks. Every image is encoded in real-time and transmitted at up to 30/25 (NTSC/PAL) frames per second. The advanced MPEG4/H.264 capability provides full motion quality video for digital CCTV surveillance applications.

Third party video analytics integration

The integration of third party video analytics with the Weibrige X7-2 software and hardware system creates an ideal video surveillance solution that reacts to threats using pre-defined rules, and issues alerts accordingly.

Standards Compliant

Video is encoded using standard MPEG4/H.264 compression. Audio is encoded and decoded via G.711. The video stream/s can be viewed by Weibrige software/hardware decoders and/or third Party products.

The video, audio and serial data can be transmitted over any standard IP network. This includes Ethernet, Gigabit Ethernet, ADSL and ATM networks.

Network Scalability and Flexibility

The Weibrige X7-2 is powered by the Weibrige VMS. The Weibrige X7-2 framework enables the seamless integration of third party video analytics software creating a truly intelligent edge device. With its advanced features, the Weibrige VMS allows recording live events, motion detection and full command and control of video parameters such as resolution, bit rate, frame rate and the video analytics embedded into the server. The Weibrige VMS enables on board rule management creating a unique standalone solution that can configure and process analytic rules, and notify the client by posting the violation data.

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Specifications

		Feature / Package	Basic	Full
Video				
Video In	Quad Composite BNC or S-Video 1 Vpp 75ohms NTSC/PAL	Object Classification	■	■
Video Out	Dual Composite BNC	Tripwire Event Detection	■	■
Resolutions	4CIF Down to QCIF	Multi-Segment Tripwire Event Detection	■	■
Compression	H.264, H.264, MJPEG	“Enters” Event Detection	■	■
Frame Rate	1-30fps programmable	“Exits” Event Detection	■	■
Bit Rates	Configurable 32Kbps to 6 Mbps	“Inside of” Event Detection	■	■
Audio		Object Size Filters	■	■
Audio In	2 Stereo or 4 Mono	Object Size Change Filters	■	■
Audio Out	2 Stereo or 4 Mono	Saliency Filters	■	■
Compression	G.711, MP3	Scene Change Event Detection	■	■
Connector	4 x3.5mm Audio Jacks	“Appears” Event Detection		■
Network		“Disappears” Event Detection		■
Interface	10/100 Fast Ethernet, Dual RJ-45	Loitering Event Detection		■
Protocols	RTP,RTSP,HTTP,UDP, TCP/IP	Leave Behind Event Detection		■
Alarms		Take Away Event Detection		■
Input	8 TTL	Multi-view		■
Output	8 DPDT Type Relays (up to 1 Amp @ 30 VDC Load)			
Connector	24 Position Terminal Block			
Serial Port				
Interface	RS232, RS422/485 UART Outputs			
Connector	9 pin D-Type			
PTZ Support	Yes			
System				
Processor	Dual TI DM642 @ 600/720MHz			
Flash	4MB Boot Flash Per DSP			
SDRAM	64MB Per DSP			
LEDs	8 General Purpose LEDs			
Power	12VDC			
Environment				
Operating Temperature	Commercial: 0°C - 50°C (-32°F to 122°F) Industrial: -40°C to 85°C (-40°F to 185°F)			
Weight	715 g. (25.22oz)			
Dimensions	L: 9.64 inches (244.86mm) W: 5.9 inches (150mm) H: 1.77 inches (44.96mm)			



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