

## Compact Single Channel Video & Audio Decoder



- 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

### Pegasus-M Decoder

The Pegasus-M Decoder is a stand alone compact video and audio decoder, compatible with MangoDSP's Raven, Pegasus and Condor intelligent video servers. 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 MangoDSP's video servers, to a digital network stream. The Pegasus-M 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.

The Pegasus-M Decoder, after its initial configuration, connects automatically to the source video server and enables, together with 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 Pegasus-M 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).

## Pegasus-M Decoder Series

### VIDEO

Video Out  
Resolutions  
Compression  
Frame Rate  
Bit Rates

Single Composite BNC (1Vpp 75 Ohm NTSC/PAL)  
4CIF, CIF, QCIF  
H.264, MJPEG  
1 - 30 fps programmable for all resolutions  
Configurable 32Kbps to 20Mbps

### AUDIO

Audio In  
Audio Out  
Compression

Single Mono 3.5mm Audio Jack  
Single Mono 3.5mm Audio Jack  
G.711

### NETWORK

Interface  
Protocols

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

### ALARMS

Input  
Output  
Connector

Two Bi-Directional TTL  
Single DPDT Relay  
Terminal Block

### SERIAL PORT

Interface  
Connector  
PTZ Support

RS232, RS422/485  
Terminal Block  
Yes

### SYSTEM

Processor  
Flash  
DDR Memory  
On Board Storage  
Embedded OS  
LEDs  
Power

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

### ENVIRONMENT

Operating Temperature  
Storage Temperature  
Relative Humidity  
Certification & Regulation

0°C - 50°C  
-40°C to 85°C  
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] W:2.6 inches [66.2mm] H:1.67 inches [42.6mm]