



SEM-2110

MPEG-4 Decoder Module

Preliminary



- Up to full D1 MPEG-4 video decoding at 30/25 FPS
- QoS enabled (L3) video streaming
- Dual MPEG-4 video stream output via LAN and WAN (PPPoE supported) ports at the same time
- Digital time code retrieved
- Isolated digital input and output supported

► **Receive digital data and decode to analog image without loss of quality**

The SEM-2110 is a high resolution, Ethernet (LAN and WAN) ready digital video decoding module. Via an Ethernet network such as LAN or WAN, the SEM-2110 takes a MPEG-4 stream from a specific ACTi network camera or video server, and converts it into real-time, high quality analog video signals. This allows analog video devices such as TV system, analog monitors or existing analog video switches to be connected to an ACTi IP-base video system.

PRODUCT SPECIFICATION

Video (Compression)	
Compression	MPEG-4 ASP Decoding
Picture Resolution	Full D1 (720x480 in NTSC, 720x576 in PAL) CIF (352x240 in NTSC, 352x288 in PAL)
Image Frame Rate	30 fps at full D1 resolution (NTSC) 25 fps at full D1 resolution (PAL)
Alarm	
Input	2, TTL, terminal block
Output	2, TTL, terminal block
Remote Control	
Serial Port	RS-485: half duplex, terminal block RS-422: full duplex, terminal block RS-232: full duplex, terminal block
External I/O	
Reset Button	Factory default
LED	System status
Network	
LAN Port	Ethernet (10/100Base-T), RJ-45 connector
WAN Port	Ethernet (10/100Base-T), RJ-45 connector

Protocol	TCP, UDP, IP, HTTP, DHCP, PPPoE, RTP, RTSP
Software	
Web Browser	Microsoft Internet Explorer 6.0 or above
SDK	ActiveX control, C SDK
Security	Password protection : configured by the administrator
Operating	
Temperature	5 ~ 50 °C (40 ~ 122 °F)
Power	
Power Requirement	DC 12 V ±10%
Power Consumption	7.5 W
Physical	
Dimensions (WxHxD)	52 mm x 85.5mm x12 mm (2.05" x 3.37" x 0.47")
Weight-Net	50 g (0.01 lb)



Module Housing

ORDERING INFORMATION

Model Number	D1	w/ Housing
SEM-2110	V	
SEM-2110C	V	V