

DIGITAL SIGNAGE: MS9400/MS9401

Designed to meet the demanding requirements of professionals at a price that allows High Definition to be deployed everywhere!

The HD FrEND supports 1920x1080i, 1280x720p and 720x576/480p along with other formats. The Electrosonic MS9400 is a versatile platform designed to facilitate the deployment of High Definition Media Networks. The HD FrEND is economical enough to be deployed in locations where Standard Definition (SD) video is required today; yet powerful enough to support HD content whenever the user desires. The simultaneous output of HD and SD facilitate flexible and adaptable system design. The compact size and installation options make the HD FrEND a must for system integrators.

Consistent with the Far End Network Device Theory, FrENDS are intelligent devices that can live anywhere on the network providing high performance, manageability and efficiency. Remote management, content distribution and automation are accomplished using TCP/IP interfaces. When integrated into a distributed media system, the HD FrEND brings vivid images to retail, transportation, advertising, training, and many other applications.



MS9400



MS9401

FEATURES

- Compact Size
- Component HD Video Out
- Simultaneous Composite and S Video Out
- Analog Audio and Digital Audio
- Embedded Playlist
- Ethernet, RS232 and IR Control
- Front Panel Controls
- Display Control Port
- General Purpose I/O (4 opto isolated inputs & 4 relay outputs)
- Supports SD and HD Formats
- Dedicated Video Device: Not a PC

MS9400/MS9401 SPECIFICATIONS

VIDEO DECODER

- ISO/IEC 13818-2 MPEG Compliant Video Decoder supports MP@HL decoding.
- ISO/IEC 13818-1 Transport stream compliant
- Better than ATSC quality using higher data rates
- 1920x1080i, 1280x720p, 720x480p 59.94 and 720x576p 50Hz
- 16:9, 4:3, 5:4, Aspect Ratio support

FORMAT CONVERTER

- Provides Scaling of video to adapt other display formats
- NTSC / PAL decoder for simultaneous SD video output

VIDEO OUTPUT FORMATS

- SMPTE 274M / SMPTE 296M
- NTSC / PAL
- Aspect Ratios 16:9, 4:3 or 5:4

VIDEO CONNECTORS

- HD output (HD15 Pin D Type F) - User Selectable format RGB, H&V or YPrPb.
- S Video (4 pin mini DIN F) 1.0Vpp
- Composite (BNC F) 1.0 Vpp

AUDIO CONNECTORS

- Digital Audio (RCA / phono F) - SPDIF 5.1 AC-3 for external decode.
- Analogue (RCA / phono F) - Line level stereo L/R pair down mixed from AC3 Source.

CONTROL CONNECTIONS

- Serial (9 pin DF)- RS232.
- GPIO (2 part screw terms) - 4 opto inputs 4 relay outputs all with indication.

STORAGE

- Internal 80GB hard drive provides 6 hours of storage at 25Mb/sec.
- Unlimited external storage using external USB hard drives.

CONTROL

- Remote IR
- RS232
- ESCAN
- TCP/IP
- GPIO

NETWORK

- 10/100 baseT RJ45

PHYSICAL

- MS9400 - 2.01" Height x 11.34" Width x 12.37" Depth
- MS9401 - 1.74" Height x 19" Width x 12" Depth
- Weight: 8 lbs.

ENVIRONMENTAL

- Operating Temperature 0 - 40 C (32 - 105 F)
- Operating Humidity 5 - 95 % RH (non condensing)

POWER

- 110/240 Volts AC 50/60 Hz @ less than 750mA.

APPROVALS

- CE class B : EN 55022, EN61000
- FCC Part15 Subpart B

Founded in 1964, Electrosonic has always been among the first to apply new technology to create tailored, state-of-the-art solutions that meet the challenges of the professional audio visual and digital media markets.



www.electrosonic.com

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