

MediaMaster™ Video On Demand System

1-Channel MPEG-2 Standard Definition Multicast Encoder MM-1281



Specifications

- Height: 1.8 in (4.5 cm)
- Width: 3.9 in (9.6 cm)
- Depth: 4.8 in (12.1 cm)
- Weight: 0.75 lbs (0.34 kg)
- Power: 3.3 VDC at 2 A
2.1 mm DC jack

Description

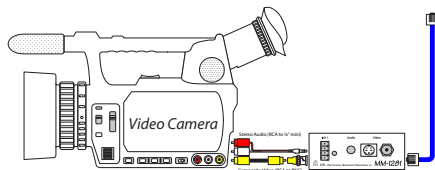
The MPEG-2 video streamer accepts standard definition analog video and audio, converts it to a single-program MPEG-2 transport stream (MP2TS), and streams it out the Ethernet port. It uses either raw UDP or RTP encapsulation, and can stream to a multicast address or accept unicast requests.

Various hardware decoders and PC software programs can accept these streams, allowing many possible configurations. The multicast option makes this device especially useful for streaming video from any source that will be used simultaneously by many users. For example, cable channels or local-origination video cameras.

Typical Application

This standalone encoder is especially suited to lone video sources outside the school's media center. For example, the Journalism class may put on a morning announcements show for the school each morning, with this unit translating the video feed from the camera into a format suitable for multicasting on the school's data network.

See the MM-1581 spec sheet for our complete camera cart solution.



Front Panel Connectors

- 3.5 mm stereo input
- S-video input
- BNC composite input

Rear Panel Connectors

- 10/100BaseT Ethernet (streaming and control)
- RS-232 serial (DB-9F) for alternate local control
- 5.5/2.1 mm DC power

Output Format

- MPEG-2 transport stream
- SD (up to 720x480)
- 1.5 to 7.5 Mbit/s

Network Requirements

- IGMP snooping switches for LAN streaming
- PIM-SM enabled routers for WAN streaming

Related Products

- MM-1272 IPTV decoder
- MM-1288S2 blade for MM-1282 desktop or MM-1287 rack chassis
- MM-1283 three channel 1U rack mount encoder



ETR... EDUCATIONAL TECHNOLOGY RESOURCES, INC.

1742 Church Street • Holbrook, New York 11741
tel 631.589.4300 • fax 631.589.4311 • www.etr-usa.com

Revised 2011.06.22