

MediaMaster™ Video On Demand System

1-Channel H.264 High Definition Multicast Encoder

MM-1281-HD



Specifications

- Height: 1.2 in (2.9 cm)
- Width: 6.6 in (16.8 cm)
- Depth: 6.7 in (17 cm)
- Weight: 0.5 lbs (0.25 kg)
- Power: 12 VDC at 2 A

Description

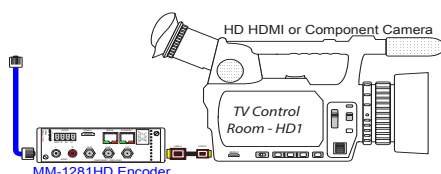
Our single-channel H.264 high definition video streamer accepts HD video via HDMI or SD video via composite analog video, converts it to a single-program MPEG-2 transport stream (MP2TS) containing H.264 video and either AAC or MP3 audio, and streams it out the Ethernet port. It uses either raw UDP or RTP encapsulation, and can stream to a multicast address or accept unicast requests.

Various hardware decoders and PC software programs can accept these streams, including our MM-127x and MM-177x series set-top boxes, 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-HD spec sheet for our complete camera cart solution which includes an MM-1281-HD encoder.



Panel Connectors

- 5.5/2.1 mm DC power
- 10/100BaseT Ethernet (streaming and control)
- HDMI input
- RCA stereo audio input
- BNC composite video input

Output Format

- MPEG-2 transport stream
- H.264 video at 0.1 to 12 Mbit/sec
- AAC and MP3 audio
- HD (up to 1080p60)

Network Requirements

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

Related Products

- MM-127x and MM-177x series IPTV decoders
- MPEG-2 SD version: MM-1281
- Other MM-128x series encoders



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