

MediaMaster™ Video On Demand System

1-Channel H.264 High Definition HDMI Encoder Blade

MM-1288H4



Specifications

Height: 5.2 in (13.1 cm)

Width: 0.8 in (2 cm)

Depth: 6.9 in (17.4 cm)

Power: from chassis

Description

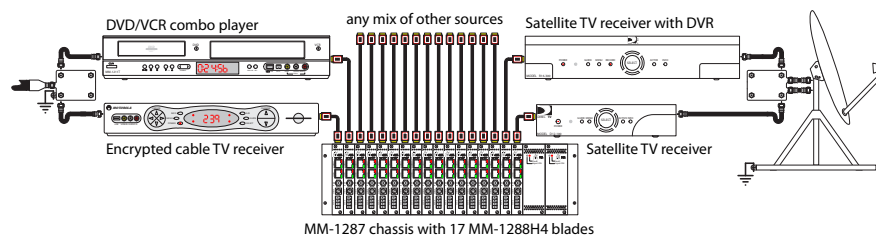
This is the high-definition version of our MM-1288S4 H.264 multicast encoder blade. It accepts HD video input via HDMI and outputs encoded video to the network at 5 to 20 Mbit/s.

The blade converts the video and audio from HDMI to a single program MPEG-2 transport stream (MP2TS) containing H.264 video, and streams it out the Ethernet port. It uses either raw UDP or RTP encapsulation, and can stream to a unicast or multicast addresses or accept unicast video-on-demand 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

Our blade encoders are especially suited to head-end use. You can use any mix of MM-1288 series blades in an MM-1282 or MM-1287 chassis, with any mix of sources feeding those blades:



Connectors

- HDMI input (HDCP compliant)
- Phoenix Contact audio connector (requires special cables)
- 10/100BaseT Ethernet (streaming and control)
- RS-232 serial (RJ-45) for alternate local control

Output Format

- MPEG-2 transport stream, H.264 video
- 480i through 1080p
- 5 to 20 Mbit/s

Network Requirements

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

Related Products

- MM-1272 IPTV decoder
- MM-1288S4 H.264 SD blade encoder
- MM-1282 chassis
- MM-1287 chassis



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