MediaMaster™ Video On Demand System
High Definition HDMI-Only IPTV Decoder MM-1276/1776

front
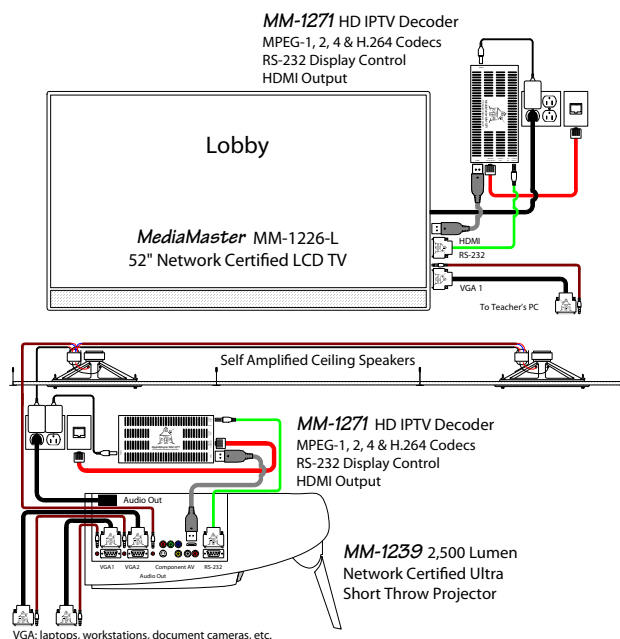back

Specifications

Height:	0.95 in (2.4 cm)
Width:	5.7 in (14.5 cm)
Depth:	4.2 in (10.6 cm)
Weight:	0.8 lbs (0.4 kg)
Power:	5 VDC, 8 W idle, 9.3 W max

Description

Our MM-1276/1776 is an improved version of the MM-1271, with lower power draw yet increased functionality. It is a forward-looking design for modern systems that can use HDMI for display output, IPTV for video transport, and RS-232 serial for display control. (See the MM-1275 if you need support for legacy connections.)

The MM-1276/1776 supports all the same MPEG sources, formats, containers, and bit rates as the MM-1275/1775. The difference is in the I/O connections.

Typical Applications

MM-1271 HD IPTV Decoder
MPEG-1, 2, 4 & H.264 Codecs
RS-232 Display Control
HDMI Output

Lobby

MediaMaster MM-1226-L
52" Network Certified LCD TV

HDMI
RS-232

VGA 1
To Teacher's PC

Self Amplified Ceiling Speakers

MM-1271 HD IPTV Decoder
MPEG-1, 2, 4 & H.264 Codecs
RS-232 Display Control
HDMI Output

Audio Out

VGA1 VGA2 Component AV RS-232
Audio Out

MM-1239 2,500 Lumen Network Certified Ultra Short Throw Projector

VGA: laptops, workstations, document cameras, etc.

Features

- Digital video input and control over Ethernet
- Up to 1080p output for true HD playback
- Combine video with custom graphical overlay (optional feature)
- 2 built-in mounting tabs

Connectors

- HDMI 1.4a A/V output
- 10/100BaseT Ethernet
- RS-232 TV control
- RF digital QAM cable tuner (optional)
- DC power barrel jack

Supported Standards

- RTP, RTSP, and UDP streaming protocols
- HTTP and HLS streaming (optional)
- MPEG-2 and H.264 video
- AAC, AC3, MP2, MP3 and PCM audio
- MPEG-2 TS format
- MP4 format (optional)

Ordering details

There are several variants of this product:

Part Number	Description
MM-1276	Base product, without optional features
MM-1276T	Adds RF QAM cable TV tuner to MM-1276
MM-1776	Adds support for HTTP, HLS and MPEG-4 part 14 ("MP4") to the MM-1276
MM-1776T	Adds RF QAM cable TV tuner to MM-1776

The primary practial difference in the MM-1776 variants is that the additional format features allow the STB to play the most widely supported form of HTML5 web video files — H.264 + AAC in MPEG-4 part 14 ("MP4") containers — over raw HTTP or via HLS. The MM-1776s are the same hardware as the MM-1276 units except with different firmware, so this option must be chosen at ordering time.

The MM-1776 units also support custom on-screen graphical overlays, as for hospitality applications, digital signage, etc. Contact ETR to discuss these custom development options.

Accessories

A subset of the accessories available for the other MM-127*x* series IPTV decoders are also available for the MM-1276/1776:

Part Number	Description
MM-1273	Display control cable; see MM-1273 spec sheet for details
MM-1279	IR remote control
MM-1450-*x*	HDMI cable, male to male, *x* in feet, 3 ft standard, custom lengths available

MediaMaster.com, inc.
1 Las Olas Circle • Unit 601 • Ft. Lauderdale, FL 33316
tel 631.589.4300 • fax 631.589.4311 • www.mediamaster.com   Revised 2023.09.07