

Overview:

The HDMI 2.0 Digital Signage Media Player is capable of receiving multiple H.264/H.265 AV content simultaneously up to 4K/60 (4:4:4) from a local network, the Internet, internal memory or external USB memory devices, and supports multiview capability and scheduling to automatically deliver this customized windowed AV content based on a weekly schedule. Multiple video, audio and image file formats are supported. It is able to up-scale 1080p@60Hz video to 4K@60Hz (4:4:4) and delivers content to a display or to another transmitter to support virtual matrix and video wall configurations.

The exceptionally low bandwidth requirements of this device allows it to accept streaming audio/video content over a local network, over WiFi, and over the Internet for distributed installations spread-out throughout the globe.

The unit may be extended up to 100m from the Ethernet switch over CAT5/6 cable, and supports PoE (PD) and may be powered by a PoE (PSE) Ethernet Switch.

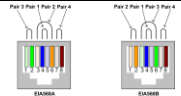
Applications:

- Digital signage / Media player
- Audio/Video Streaming over LAN, Wifi and Internet
- Commercial and residential AV systems
- Corporate lobbies, malls and boutiques, airports, subway/train/bus stations, etc.



Key Features:

- Digital Signage Media player supporting playlists and weekly scheduler of multi-format video, image and audio files
- Supports multiview layouts.
- Supports up to 4K @ 60Hz (4:4:4) video streams
- Up-scales 1080p @ 60Hz video streams up to 4K @ 60Hz
- Extends local audio/video transmission up to 330ft (100m) over Cat5e/6
- H.264/265 video codec, excellent for LAN, WiFi & Internet transmission
- Supports Multicast, RTSP, HLS, FLV and TS
- USB 3.0 port for playback of local content from external USB drive
- Extracts digital audio via SPDIF (TosLink)
- Extracts analog audio via 2CH 3.5 mm jack
- RS232 and Directional IR for remote control of end-devices
- PoE powered, via PoE (PSE) Ethernet Switch
- Managed remotely via the unit web interface and soon via Content Management Software running on PC, tablet and smartphone.

Specifications	
Environment	HDMI 2.0
Devices	TVs, monitors, projectors supporting HDMI.
Signal Protocol/Standard	HDMI 2.0 and HDCP 2.2
Video Bandwidth	594MHz
Network Bandwidth	32Mbps (max)
Latency	300ms
Protocols	Supports Multicast, RTSP, HLS, FLV & TS
Connectors	One (1) HDMI output connector for AV. One (1) RJ45S for Ethernet connection. One (1) USB connector for local AV content storage via external USB drive. One (1) TosLink optical connector for digital audio extraction. One (1) 3.5mm output connector for audio extraction. One (1) 3.5mm connector for directional IR (direction controllable via software). One (1) RS232 DB9 connector for controlling end devices. One (1) 2.1mm locking power connector.
Maximum Distance	Cat5e/6: 330ft (100m) from Ethernet Switch. Unlimited over the Internet <i>Note: When installed in an electrically noisy environment, an STP cable must be used. Also, cross-connection reduces the effective distance depending on the grade of twisted cable used.</i>
RJ45 Pin Configuration	RJ45 Link Pin 1 (R) Pin 2 (T) Pin 3 (R) Pin 6 (T) Pin 4 (R) Pin 5 (T) Pin 7 (R) Pin 8 (T) 
Power Source	This device supports PoE (PD), an external power supply is not included. It is intended to be powered via a PoE (PSE) Ethernet Switch. If required, an optional power supply (500993) may be purchased separately.
PoE	IEEE 802.3af
Power Consumption	4.5W
Temperature	Operating: 0° to 40°C Storage: -20° to 85°C Humidity: Up to 95% non-condensing
Dimensions	5.8" x 4.3" x 1.3" (148mm x 108mm x 33mm)
Weight	0.75lbs (0.34kg)
Compliance	Regulatory: FCC, CE, RoHS Flammability: 94V0
Warranty	3 years
Order Information	500769 HDMI 2.0 Digital Signage Media Player (UPC: 627699007693)
Accessories	500990 IR Emitter, and 500994 IR Sensor 500993 Univ. Locking Power Supply 5VDC/2.6A US/UK/EU Blade
(These items are sold separately)	

Typical Application

