4K Digital Signage Player Plus
500789

Overview:

The 4K Digital Signage Player Plus (model 500789) 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, or internal memory, and supports multiview capability (including dual 4K windows, or multiple 1080p windows) and scheduling to automatically deliver this customized windowed AV content based on a yearly schedule. Multiple video, audio and image file formats are supported. The unit delivers 4K@60Hz (4:4:4) content to a display or to an AV over IP system to support signal distribution to multiple displays and video wall arrangements.

The exceptionally low bandwidth requirements of this device allows it to accept streaming audio/video content over a local network, 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.

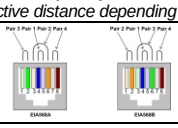
The 4K Digital Signage Player Plus is managed by DigiSign Plus CMS (Content Management System) Software running on PC, which supports video, audio and image content as well as HTML5, RSS feeds and Widgets. DigiSign Plus will also organize and schedule yearly AV content to run autonomously.

Applications:

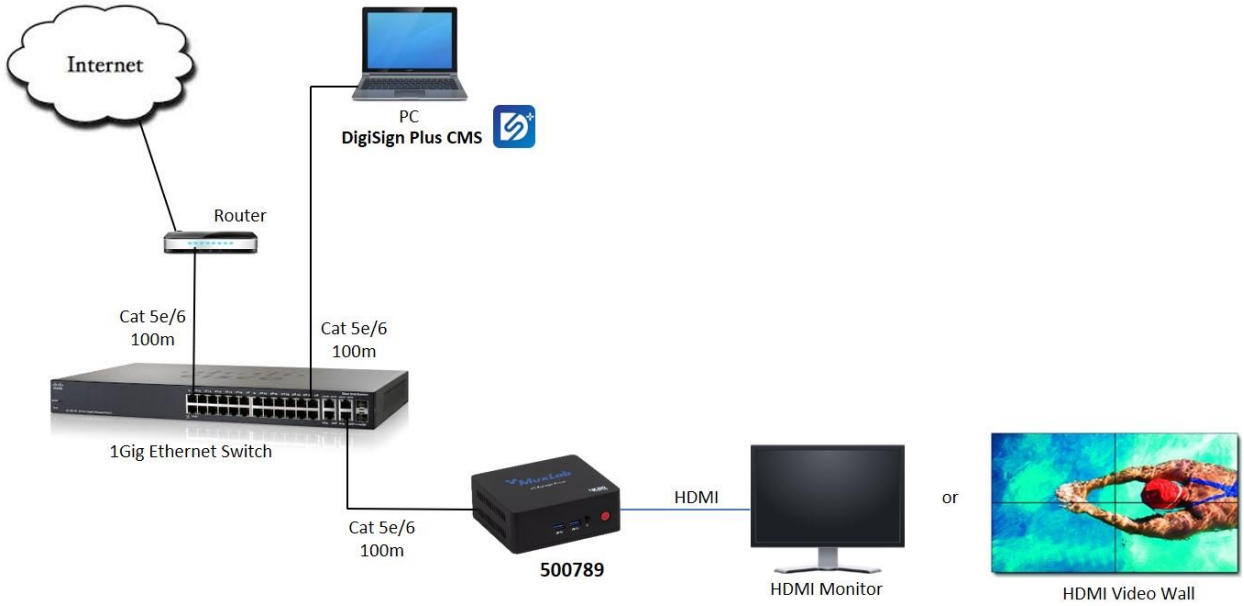
- Digital signage / Media player
- Audio/Video Streaming over LAN and Internet
- Commercial and residential AV systems
- Corporate lobbies, malls and boutiques, airports, subway/train/bus stations, etc.

Key Features:

- Supports up to 4K @ 60Hz (4:4:4) video streams
- Two HDMI output ports to connect to two displays
- Supports playlists and yearly scheduler to operate autonomously
- Supports multi-format video, image and audio files
- Supports HTML5, Widgets and RSS feeds with DigiSign Plus CMS
- Supports multi-view layouts, including dual 4K/60 windows
- Decodes H.264/265 video streams over the Internet and local network
- Supports Multicast and HLS
- Extracts analog audio via 2CH 3.5 mm jack
- Managed via DigiSign Plus CMS (Content Management System) Software running on PC.

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	25Mbps (typical)
Protocols	Supports Multicast & HLS
Connectors	Two (2) HDMI output connectors for AV. One (1) RJ45 Ethernet connection for LAN connection. Four (4) USB 3.0 connectors (for future use). One (1) 3.5mm output connector for audio extraction. One (1) 2.1mm power connector.
Maximum Distance	Cat5e/6: 330ft (100m) from Ethernet Switch. Unlimited over the Internet *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.*
RJ45 Pin Configuration *Reverse Polarity Sensitive. Use EIA/TIA 568A or 586B straight-through wiring.*	**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 Supply	Includes a 12VDC/ 2A power adapter.
Power Consumption	12W
Temperature	Operating: 0° to 40°C Storage: -20° to 85°C Humidity: Up to 95% non-condensing
Dimensions	4.5” x 4.0” x 1.6” (115mm x102mm x 42mm)
Weight	1.44 lbs (0.65kg)
Compliance	Regulatory: FCC, CE, RoHS Flammability: 94V0
Warranty	3 years
Order Information	500789 4K Digital Signage Player Plus (UPC: 627699007891)

Typical Application



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MuxLab Inc.
2321 Rue Cohen, Montreal, Quebec, Canada, H4R 2N7
Tel: (514) 905 0588 Fax: (514) 905 0589
Toll Free:1 877 689-5228
E-mail: info@muxlab.com
www.muxlab.com