

# Digital Media Controller 4000



The DMC 4000 a high performance digital signage player and video wall controller unified in one package. It renders file-based and stream-based video assets including MP4 files, Windows Media Video files along with H.264, H.265 & MPEG2 video streamed via RTMP, RTSP, MPEG2-TS and the newer adaptive streaming HLS & DASH. Most Digital Signage content is HTML-based so the DMC's HTML5-compliant built-in browser delivers.

## HARDWARE SPECIFICATION

Category and Subcategory		Chassis Label
<b>Electrical Power</b>		
DC	5V, 4A	DC 5V
PoE	IEEE 802.3af PD interface with integrated switching regulator	POE
<b>Network Connectivity</b>		
Wired	Gigabit Ethernet (RJ-45)	10/100/1000 POE
<b>Media Signal</b>		
Wired	Audio / Video Connectors	HDMI 1.4 HDMI
		3.5mm jack for CVBS AV Out
<b>Serial (COM port)</b>		
Wired	Data	RS-232 (9-pin DB9 to 9-pin DB9) IOIOI
		USB 2.0 USB symbol
		GPIO connector GPIO
<b>Human</b>		
Power On / Off	Button	Power button symbol
Device Reset	Button (optional)	Reset
<b>Environmental Tolerance Ranges</b>		
Operating	0°C ~ 40°C	
Non-Operating	- 20°C ~ 70°C	

## TECHNICAL SPECIFICATION

### • Video Formats Supported

**Codecs:** MPEG-1, MPEG-2, MPEG-4, H.264(AVC), HEVC, VP8/9, Theora, Windows Media Video 7/8/9 and others

**Containers:** MP4, MOV, MPEG-TS, MPEG-PS, MJPEG, WMV (ASF), AVI, MKV, FLV, OGG and others

### • Image Formats Supported

JPEG, PNG, BMP, TIF, GIF JPEG 2000 and others

### • Audio Format Supported

AC3, AAC, MPEG audio, MP2, MP3, AIF, FLAC, OPUS, Vorbis, TrueHD, Windows Media and others

### • Display Interface

HDMI 1.4b

### • Display Resolution

Up to 4Kp30

### • Frame Rate

Up to 30 FPS @ 4K

Up to 120 FPS @ 1080p

### • Local Storage

8GB

### • Number of Displays Supported

1 per DMC 4000

### • Number of Video Walls Supported

Unlimited

### • Connectivity

- 1 x USB 2.0
- 1 x HDMI output
- 1 x RJ45 (Gigabit Ethernet)

### • Control Interface

- RS-232\*
- CEC\*
- Power on/off, standby, image settings
- \* with supported display

### • Power

- Voltage, DC
- PoE
- Power supply included

### • System Requirements

- (for on-premise software only)
- Desktop or laptop PC or Mac
- PC: Windows 7 & 10, 64-bit
- Mac: OSX 10.9.5 or better

### • Dimensions

- Size:** 119 mm x 130mm x 35 mm
- Weight:** 20 oz.

### • Certification

- TUV & FCC
- 47 CFR FCC Part 15, Subpart B,
- Class A ICES-003:2016 Issue 6,
- Class A, ANSI C63.4:2014

### • Digital Signage Features

- UDP Multicast
- Flexible video wall scaling
- Pan and Zoom slideshow
- Picturetrain slideshow
- Tradition grid wall layout
- Artistic video wall layout
- Perfect video synchronization
- Video rotation for artistic and tradition video wall
- Granular cut and stitch
- Uninterrupted Content loop
- Arbitrary monitor physical size

### • Content Management

- Proof of play screenshot
- Run software locally
- Cloud monitoring
- Software upgrade
- Storage management- format and delete assets
- Video output control - brightness, contrast, saturation
- Remote control of players
- Remote monitoring of displays