

# DMC-2000 Media Controller



DMC-2000 Media Controller is a high-performance network video decoder designed to be a node in network connected Video Wall. DMC-2000 Media Controllers are designed to work in commercial applications. DMC-2000 Media Controllers consume very little power that can be supplied over IP network (PoE).

The DMC-2000 Media Controller is a cloud-oriented device with capabilities to be managed and provisioned via Cloud web portal.

Additional information can be obtained <http://www.moderro.com>

## 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 3.5mm jack for CVBS HDMI AV Out
<b>Serial (COM port)</b>		
Wired	Data	RS-232 (9-pin DB9 to 9-pin DB9) USB 2.0 GPIO connector IOIOI USB symbol GPIO
<b>Human</b>		
Power On / Off	Button	Power button symbol
<b>Environmental Tolerance Ranges</b>		
Operating	0°C ~ 40°C	
Non-Operating	- 20°C ~ 70°C	

## TECHNICAL SPECIFICATION

### • Video Formats Supported

**Codexs:** 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

### • Display Resolution

Up to 1080p (per screen)

### • Frame Rate

Up to 60 FPS

### • Local Storage

8GB

### • Number of Displays Supported

Unlimited

### • 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