

# HDM-C6MWIP4K-SET

HDMI H.264 IP MATRIX DECODER/ENCODER OVER CAT/X WITH VIDEO WALL MODE SUPPORT



## IP Video wall Decoder/Encoder

### KEY FEATURES

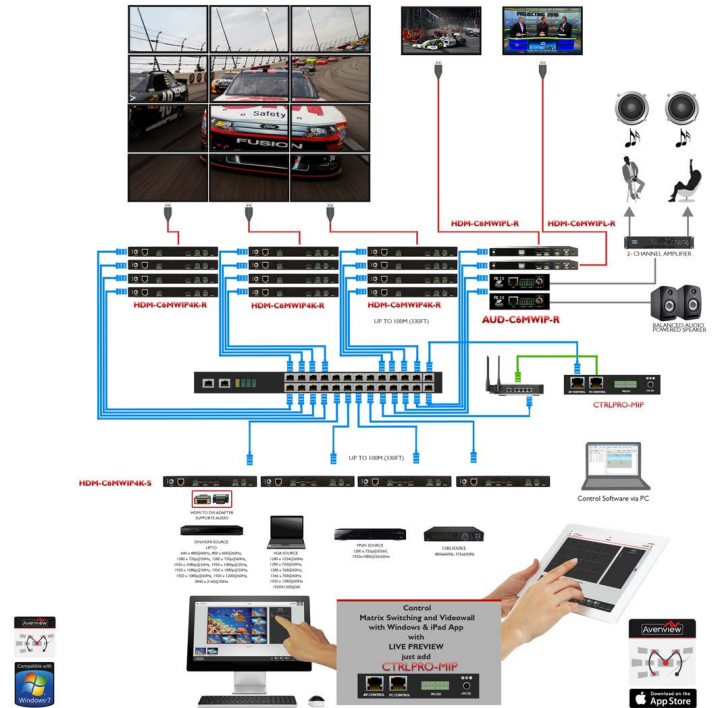
- Flexible PC/iPad 3rd Party control and management options;
- Supports POE min 10-15W for safe operation;
- Supports HDMI video stream decoding and CEC Function;
- Capable of outputting two IP Streams (allows video previewing);
- Supports multiple resolutions from HDMI, DVI, VGA, YPbPr or CVBS signals over IP network;
- **Point to Point:** (Direct Connection with CAT5/6) - up to 330ft
- **Point to Multi:** Point with CAT5/6 requires a POE Network Switch which supports port based, IGMP v2.0 or above protocol; for large application, we would recommend Cisco SG500 series, and the Huawei HDMI over IP switches;
- **Matrix** and **Video wall** functions via PC and iPad App & Control
- Supports audio de-embedding via Phoenix connector;
- Auto Scaler, Auto input format detection;
- Supports H.264 features baseline profile, main profile and high profile;
- Supports H.264, TCP/IP, Telnet, UDP and IGMP;
- Supports Auto IP, Zero-configuration networking (zeroconf);
- Seamless switching on lower resolution;
- Configurable encoding bit rate up to 30 Mbps;
- About 79 ms in average (Low latency mode) ;
- About 250 ms in average (High quality mode);
- HDCP compliant;
- Supports Digital Audio LPCM,Dolby ,and DTS-HD up to 2 channels;

### 4K HDMI Over IP Encoder/Decoder

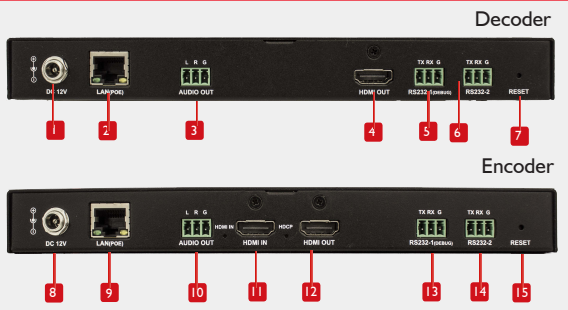


Application Diagram 2  
MULTI-SOURCE TO MULTI-DISPLAY  
HDMI (HDMI) - 1080P (HD) (HDMI)  
THEY (FROM) (1080P) (HD) (HDMI) (HDMI)

CABLE MODE  
■ HDMI Over IP  
■ CAT6 CABLE  
■ AUDIO



### PANEL DESCRIPTION



#### Decoder Panel Description

- 1 Screw Type Power Jack
- 2 LAN (POE)
- 3 Audio Out Phoenix Jack 3 Pin
- 4 HDMI OUT Type A Female
- 5 RS-232-1
- 6 RS-232-2
- 7 Reset Button

#### Encoder Panel Description

- 8 Screw Type Power Jack
- 9 LAN (POE)
- 10 Audio Out Phoenix Jack 3 Pin
- 11 HDMI IN Type A Female
- 12 HDMI OUT Type A Female
- 13 RS-232-2
- 14 Reset Button



### ITEM

### SPECIFICATION

Units	HDM-C6MWIP4K-S	HDM-C6MWIP4K-R
<b>Input Video Port</b>	HDMI 2.0/I.4	LAN
<b>Input Video Type</b>	HDMI/DVI Support	H.264/MPEG-4 AVC
<b>Input Resolution</b>	HDMI - 640 x 480@60Hz to 1280 x 720p@50Hz, 1280 x 720p@60Hz, 1024 x 768@60Hz, 1366 x 768@60Hz, 1366 x 768@60Hz, 1280 x 800@60Hz, 1440 x 900@60Hz, 1280 x 1024@60Hz, 1400 x 1050@60Hz, 1680 x 1050@60Hz, 1920 x 1080p@24Hz, 1920 x 1080p@25Hz, 1920 x 1080p@30Hz, 1920 x 1080p@50Hz, 1920 x 1080p@60Hz, 1920 x 1200@60Hz, 3840 x 2160@60Hz	
<b>Video Impedance</b>	100 Ω	100 Ω
<b>Output Video Port</b>	LAN/HDMI Female Type A	HDMI Female Type A
<b>Output Video Type</b>	H.264/MPEG-4 AVC	HDMI 2.0/I.4
<b>Output Resolution</b>	Up to 3840 x 2160@30Hz	HDMI up to 3840 x 2160@30Hz
<b>Input Audio Port</b>	HDMI	LAN
<b>Output Audio Port</b>	3 PIN Phoenix connector	3 PIN Phoenix connector
<b>Power Supply</b>	12 V I A DC Consumption (7.6W)	12 V I A DC Consumption (5.6W)
<b>Dimensions (L X W X H)</b>	8.7" x 5.1 x 1.0"	8.7" x 5.1 x 1.0"
<b>Weight</b>	1.7 lbs	1.7 lbs



**VIDEO WALL VIDEO PROCESSORS  
MULTIVIEWERS DIGITAL SIGNAGE  
EXTENDERS CONTROL CENTERS  
SCALERS WIRELESS**

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