

## 4K Management Products

EPHD series HDMI matrix is professional switcher routes UHD 4Kx2K HDMI signals to any outputs in need. It provides high peak data transfer rate and perfectly supports synchronous switching of HDMI signals, the robust industrial design makes it able to be a signal management center for high definition signal transmission. It can be widely used in command control center, multi-screen systems, conference room, high definition medical or education teaching etc.

**MODEL: E-PHD44**



**MODEL: E-PHD88**



**MODEL: E-PHD1616**



### SPECIFICATION

<b>Input Type</b>	HDMI
<b>Output Type</b>	HDMI
<b>Video Protocol</b>	HDMI 1.4, HDCP 1.4,
<b>Maximum Resolution</b>	Up to 4kx2k at 30Hz
<b>HDMI Interface</b>	Type A, 19 pin, female
<b>Serial Interface</b>	RS-232 IN, DB9, Female; RS-232 OUT, DB9, Male
<b>Input Cable Length</b>	Adaptive equalizer for cable lengths up to 30 meters
<b>Output Cable Length</b>	&le; 15m
<b>RJ45 Control Protocol</b>	TCP/IP
<b>Ethernet Rate</b>	Self-adaptive 10M/100M
<b>Storage Environment</b>	Temperature: -20°C ~ +70°C Humidity: 10%~90%
<b>Work Environment</b>	Temperature: -20°C ~ +70°C Humidity: 10%~90%
<b>Power Supply</b>	AC 110~240V
<b>Maximum Power Dissipation</b>	10W
<b>Dimensions (WxDxH)</b>	1U( 436.8X280X44.5)mm
<b>Weight</b>	About 2.3kg
<b>MTBF</b>	30,000 hours

<b>Specification</b>	Input/output support 16 channels
<b>Input</b>	HDMI
<b>Output</b>	HDMI
<b>Control Way</b>	Front panel,RS-232,TCP/IP
<b>Resolution</b>	Up to 4k x 2k (4096x2160 )
<b>HDMI Version</b>	HDMI 1.4, Support 3D TV
<b>HDCP</b>	Compliant to HDCP 1.4
<b>Hot Plug</b>	Support plug and play
<b>Input Cable</b>	Up to 30m(98 feet)
<b>Output Cable</b>	Up to 15m (50 feet)
<b>HDMI Input/Output Interface</b>	Type A, 19 pin, female
<b>Power Supply</b>	110~220 VAC
<b>Environment</b>	Storage and Work Temperature: -20&deg;~+70&deg;C; Humidity:10%~90%
<b>Weight</b>	7kg
<b>Consumption</b>	20W
<b>Dimension (WxDxH)</b>	2U (440mm x 333mm x 88mm)

## MODEL E-HE10 (100m) / E-HE7 (70m)



E-HE10 (100m) / E-HE7 (70m)

The **E-HE10/7 HDMI** Extender over cat5e/cat6 is to extend the HDMI signal over long distances to a compatible display. It is designed to convert HDMI signal to standard HDBaseT signal and transmit by Cat5e/6 cable. It also transmit Bi-directional Infrared signal together with the HDMI signal, capable of controlling the source in the device side out to 100 meters, or from source to device, RS232 pass through makes it more convenient to be controlled.

## MODEL E-HE-20

**E-HE20** embedded wall panel transmitter using HDBaseT technology to transmit video, audio and control signals (can be used with the matrix), and HDBaseT series interface products are fully compatible. Support CVBS, YPbPr, VGA, DVI, HDMI signal transmission and IR, RS232 pass through function, DC 12V / 2A power supply and support POC power supply.

This product is mainly used in radio and television engineering, multimedia conference hall, TV teaching, command and control center and other occasions.



HDMI/VGA TO HDBASET WALLPLATE

## MODEL E-VW4



MINI 4 PICTURE VIDEO WALL PROCESSOR

The E-VW4 is designed to be performed as video wall processor, with its compact but versatile features, you can easily to realize video wall picture in many ways to manage the digital signal input, on the display like LCD, Plasma, TV etc.

The input signal types: HDMI, VGA, Composite video, moreover, the decoded video like RMVB, audio and Photos can be processed through USB. Output HDMI port to meet the most common interface on the display to support up to 1080P.

## MODEL E-VW10

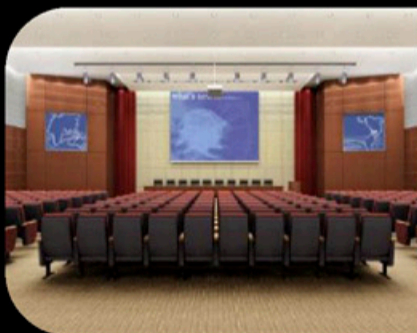
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PICTURE VIDEO WALL PROCESSOR

## APPLICATION CASES



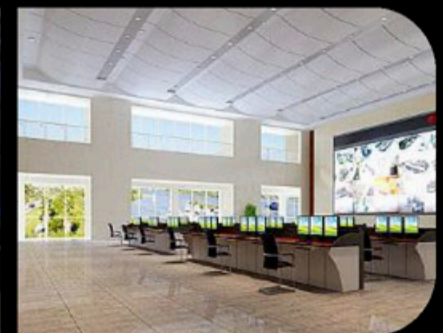
ADDRESSING ROOM



TRAINING ROOM



MONITORING ROOM



EDUCATION