



### Description

SHD4 is a 1x4 HDMI Distribution Amplifier, which distributes very high resolution HDMI signals to 4 displays. It is compatible with PC resolutions up to 1920\*1080p, 2K and also supports HDTV.

It is a high performance device for video conferencing rooms, educational facilities, control rooms, monitoring centers, government institutions, multipurpose halls etc.

### Features

- 340MHz (up to 16 bit Y-U-V 444 supported@1080P)
- Supports Extended Display Identification Data (EDID) and Display Data Channel (DDC) data using DVI and HDMI standards. EDID and DDC signals are actively buffered
- Compliant with High-bandwidth Digital Content Protection (HDCP) using DVI and HDMI 1.3 standards. The built-in HDCP management technology can analyze HDCP keys, and realize handshakes internally
- High resolution display, up to 1920\*1080p
- Lip-Sync pass-through
- Deep-color supported (XV color supported)
- Dolby Digital True HD, DTS-HD supported
- CEC protocol pass-through
- Built-in Gain compensation and synchronization signal proofread technology
- Static resistant case with protection
- Wall/table-mountable aluminium enclosure, PT case design
- Front panel LED indicator shows the user the system & switching information of the product
- External international power supply (100V~240V AC, 50/60Hz)
- Power switch, manual switch to save power consumption
- All models are equipped with an internal, auto-switching power supply that has all applicable safety certifications

### Technical Specifications

Video Input		Video Output	
Input	1 HDMI	Output	4 HDMI
Input Connector	HDMI 1.3	Output Connector	HDMI 1.3
Input Level	T.M.D.S. 2.9V/3.3V	Output Level	T.M.D.S. 2.9V/3.3V
Input Impedance	50Ω	Output Impedance	50Ω
Video General			
Gain	0dB	Bandwidth	340 MHz (10.2 Gbit/s)
Video Signal	HDMI (or DVI-D)	Maximum Pixel Clock	165 MHz
Resolution Range	Up to 1920 x 1200 or 1080P@60Hz	Switching Speed	200ns (Max)
Consumer Electronics Control (CEC)	Supports CEC wired infrared data pass-through using the HDMI 1.3 standard		
EDID and DDC Management	Supports Extended Display Identification Data (EDID) and Display Data Channel (DDC) data using DVI and HDMI standards, EDID and DDC signals are actively buffered		
HDCP management	Compliant with High-bandwidth Digital Content Protection (HDCP) with DVI & HDMI 1.3 standards		
General			
Power Supply	100VAC ~ 240VAC, 50/60Hz	Power Consumption	100W
Temperature	-20°~+70°CHz	Humidity	10%~90%
Dimension	155 (W) x 30(H) x 80(D) mm	Weight	0.5 Kg

