



1x16 HDMI 2.0 Splitter 18Gbps

The 18Gbps 1x16 HDMI Splitter can distribute 1 HDMI source signal to 16 HDMI display devices synchronously. Supported video resolution is up to 4K2K@50/60Hz 4:4:4. The product supports advanced EDID management. It also supports HDR, HDR10, HDR10+, HLG and Dolby vision function. This product is widely used in multimedia conference halls, TV teaching, large-screen display projects and other places.

Featured Highlights

- DMI 2.0b, HDCP 2.2 / 1.x and DVI 1.0 compliant
- Supports 18Gbps video bandwidth
- Supports video resolution up to 4K2K@50/60Hz 4:4:4
- Supports digital audio format: DTS-HD/Dolby-true-HD/LPCM 7.1/DTS/Dolby-AC3/DSD
- Supports HDR, HDR10, HDR10+, HLG and Dolby vision
- Advanced EDID management
- Compact design for easy and flexible installation

TECHNICAL

HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2/1.x
Video Bandwidth	594MHz/18Gbps
Video Resolution	Up to 4k2k@50/60Hz 4:4:4
Color Depth	8-bit, 10-bit, 12-bit (1080p@60Hz) 8-bit (4K2K@60Hz YUV4:4:4) 8-bit, 10-bit, 12-bit (4K2K@60Hz YCbCr 4:2:2/4:2:0)
Color Space	RGB 4:4:4, YCbCr 4:4:4, YCbCr 4:2:2/4:2:0
HDR	Support HDR, HDR10, HDR10+, HLG, Dolby vision
HDMI Audio Formats	PCM2.0/5.1/7.1CH, Dolby 5.1, DTS5.1, Dolby- TrueHD, DTS-HD
ESD Protection	Human body model—±8kV (Air-gap discharge) & ±4kV (Contact discharge)

MECHANICAL

Housing	Metal Enclosure
Silkscreen Color	Black
Dimensions	300mm (W) × 100mm (D) × 28mm (H)
Weight	900g
Power Supply	Input: AC100 - 240V 50/60Hz, Output: DC 12V/2.5A (US/EU standards, CE/FCC/UL certified)
Power Consumption	12W
Operation Temperature	0°C ~ 40°C / 32°F ~ 104°F
Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F
Relative Humidity	20~90% RH (Non-Condensation)

CONNECTIONS

Input	1×HDMI Type A (19-pin female)
Output	16×HDMI Type A (19-pin female)
Control	1×SERVICE (Micro USB, Update port) 1x DIAL switch [5-pin]

APPLICATION EXAMPLE
