# DA-116

## 18 Gbps 1x16 HDMI Splitter

### FEATURE:

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




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The 18 Gbps 1x16 HDMI Splitter distributes a single HDMI source signal to 16 HDMI display devices simultaneously. It supports video resolutions up to 4K@50/60Hz (4:4:4) and features advanced EDID management. Additionally, it is compatible with HDR, HDR10, HDR10+, HLG, and Dolby Vision. This splitter is ideal for use in multimedia conference halls, educational TV setups, large-screen display projects, and other similar applications.

Audio
Visual
Equipment

# Splitter

18 Gbps 1x16 HDMI Splitter

**DA-116** 18 Gbps 1x16 HDMI Splitter

## SPECIFICATIONS:

| | |
|---|---|
| **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) |
| **Connections** | |
| Input | 1x HDMI Type A (19-pin female) |
| Output | 16x HDMI Type A (19-pin female) |
| Control | 1x SERVICE (Micro USB, Update port) |
| | 1x DIAL switch [5-pin] |
| **Mechanical** | |
| Housing | Metal Enclosure |
| Silkscreen Color | Black |
| Dimensions | 300mm (W) x 100mm (D) x 28mm (H) |
| Weight | 900g |
| Power Supply | Input: AC100 - 240V 50/60Hz, Output: DC 12V/1A |
| | (US/EU standards, CE/FCC/UL certified) |
| Power Consumption | 12W |
| Operation Temperature | 32°F - 104°F / 0°C - 40°C |
| Storage temperature | -4°F - 140°F / -20°C - 60°C |
| Relative Humidity | 20 - 90% RH (no condensation) |