

DVDO

DVDO-Splitter-14

4K 1x4 HDMI Splitter with HDR & Downscaling

DVDO-Splitter-14 is a 1x4 HDMI splitter with scaler that reliably distributes one HDMI input signal to four outputs at resolutions up to 4K@60Hz 4:4:4 chroma subsampling.

It supports HDCP 2.2 and HDMI 2.0b specifications.

With the built-in scaler, when connected to different displays, the corresponding HDMI output is capable of scaling down automatically (down to 1080p) to feed an optimal output signal to its attached display.



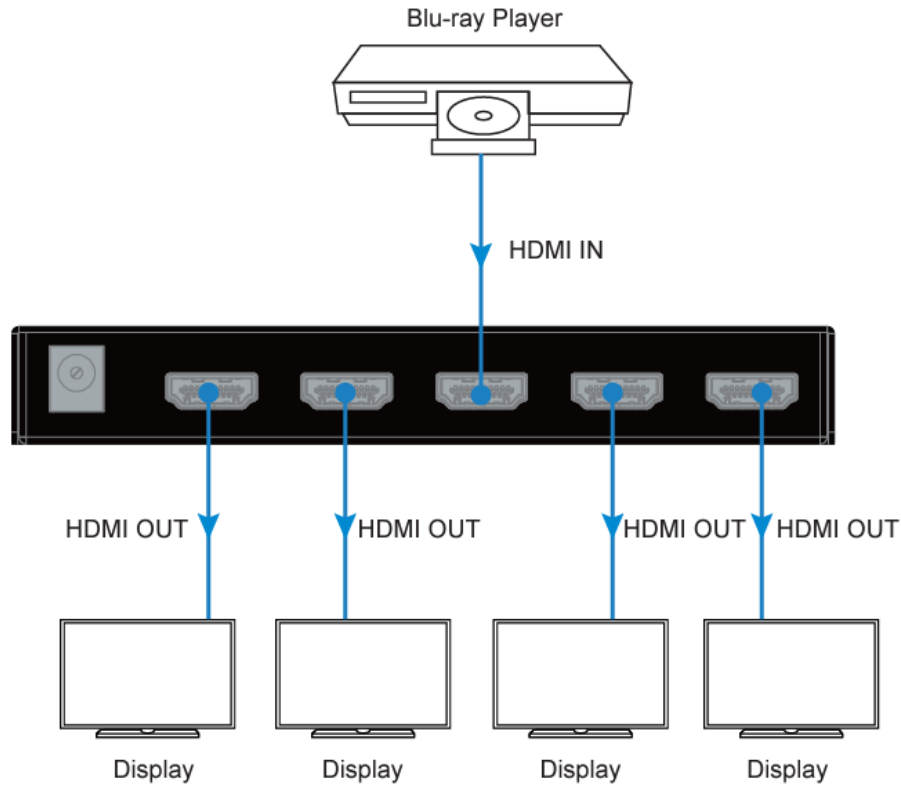
Features

- Distributes one HDMI input signal to four HDMI displays
- Supports HDMI 2.0b specifications including:
 - Data rates up to 18.0 Gbps
 - HDR and 3D
 - HD lossless audio formats
- HDCP 2.2 compliant
- Each HDMI output supports downscaling to 1080p individually (fps will not change during scaling down from 4K to 1080p)
- Automatic input cable equalization for signal regeneration compensation

Applications

- Conference Rooms
- Hospitality
- Digital Signage
- Houses of Worship
- Education
- Restaurants
- Retail
- Residential

Application Diagram



Technical Specifications

Technical	
Input/Output Signal Type	HDMI with 4K@60Hz 4:4:4, HDCP 2.2, HDR, 3D, scaler
Input/Output Resolutions Supported	Up to 4096x2160@60Hz, including 4K@60Hz / 4K@30Hz / 1080p / 1080i / 720p
Deep Color	4K: 8/10/12 bit 1080p: up to 16 bit
Maximum Data Rate	18 Gbps
Maximum Pixel Clock	600MHz
Audio Formats Supported	Fully supports HDMI 2.0 audio formats including PCM, Dolby TrueHD, Dolby Atmos, DTS-HD Master Audio, DTS:X

General	
Operating Temperature	32 ~ 113°F / 0 ~ 45°C
Storage Temperature	-4 ~ 158°F / -20 ~ 70°C
Humidity	10 ~ 90% (no condensing)
ESD Protection	Human body model — ±8kV (Air-gap discharge), ±4kV (Contact discharge)
Power Supply	DC 5V / 1A
Power Consumption (Max)	4K: 1.8W 1080p: 1.1W
Dimensions (W x H x D)	140mm x 20mm x 65.2mm / 5.51" x 0.79" x 2.57"
Weight	0.24kg / 0.53lb