



UHD HDMI Scaler/Splitter DS-0102



UHD HDMI SCALER/SPLITTER DS-0102

- DS-0102 is a 1x2 UHD HDMI splitter with UHD Scaler Inside, reliably distributes one HDMI source to 2 HDMI displays and supports HDMI 2.0 and HDCP 2.2.
- DS-0102 integrated a strong video scaling engine, can do up/down scaling from 720p to 3840x2160@60Hz and display on HDMI output port 2.
- HDMI output port 1 will directly pass the source to downstream
- It also provides EDID management which provides multiple EDID options for various resolutions output, and HDCP management which authenticates HDCP encryption between all devices, ensuring the HDMI source reliably outputs correct content for display.
- Additional features, includes input cable equalization and signal regeneration compensation, which reduces the need for additional signal conditioning equipment by compensating for signal loss when using long input cable or cascading multiple units.

FEATURES

- Distributes one HDMI sources to 2 displays
- 4K up/down scaling on HDMI output port 2
- Full 4K@60Hz 4:4:4 HDMI 2.0 and HDCP 2.2 compliant
- Supports High-Dynamic-Range (HDR) image
- Independent switch for EDID selections
- Independent switch for Resolution selections with HDMI output port 2
- Support Toslink and Ø3.5mm jacket audio output

Note: When displaying HDMI 4Kx2K/HDR signal, equivalent source signal, output display and HDMI cables are required in order to secure the best image display. It is suggested to use High Speed HDMI cable for 6G HDMI2.0 signal.

BENEFITS

- Threaded power port for locking or standard 5V DC connection
- Front panel LED indication for I/O and Power connectivity
- Automatic input cable equalization and signal regeneration compensation
- Flexible HDCP and Resolution option with HDMI output

SPECIFICATIONS

TECHNICAL	
Input	1 x HDMI IN (Type A female connector)
Output	2 x HDMI OUT (Type A female connector) 1 x TOSLINK, Spdif audio output, 1 x Ø3.5mm jacket, L/R audio output
HDMI	HDMI 2.0/HDCP 2.2
Input/output Resolution support	INPUT: 640x480@60Hz, 800x600@60Hz, 1024x768@60Hz, 1280x768@60Hz, 1280x800@60Hz, 1280x960@60Hz, 1280x1024@60Hz, 1360x768@60Hz, 1366x768@60Hz, 1400x1050@60Hz, 1440x900@60Hz, 1600x900@60Hz, 1600x1200@60Hz, 1680x1050@60Hz, 1920x1200@60Hz, 480p,576p,720p,1920x1080i,1920x1080p, 3840x2160@24Hz/25Hz/30Hz/50Hz/60Hz, 4096x2160@24Hz/25Hz/30Hz/50Hz/60Hz. OUTPUT 1/BYPASS Follow Input OUTPUT 2/SCALING 1920x1080@60Hz, 3840x2160@30Hz, 3840x2160@60Hz, 1280x720@60Hz, 1024x768@60Hz, 1366x768@60Hz, 1280x1024@60Hz, 1920x1200@60Hz, 1280x1024@60Hz/DVI, 1920x1080@60Hz/DVI"
Input Video Level	0.5~1.2 Vp-p
Input DDC Signal	5 Vp-p
Maximum Data Rate	18 Gbps
Max Pixel Clock	600 MHz
GENERAL	
Operating Temp.	0 to 40°C (32 to 108 °F)
Storage Temp.	-20 to 70°C (-4 to 158 °F)
Humidity	10% to 90%, non-condensing
Power Supply	DC 5V/3A
ESD Protection	Human-body Model: ±8kV(Air-gap discharge)/±4kV(Contact discharge)
Main Unit Size	143mm x 83mm x 26mm
Package Size	220mm x 196mm x 54mm
Product Weight	0.35kg
Certification	CE, FCC, RoHS

