UHD HDMI SCALER/SPLITTER

Quick Installation Guide
Ver. 1.0

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INTRODUCTION:

● This item 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.
● 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.

KEY 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,

PANEL LAYOUT:

FRONT PANEL
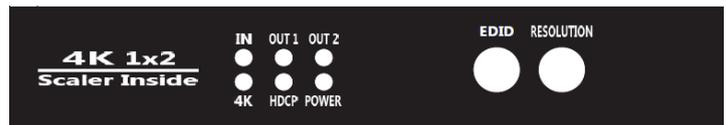
LEDs	Name	Description
1	IN	**ON:** An HDMI source is connected to the splitter
		OFF: No HDMI source is connected to the splitter
2	OUT 1	**ON:** Display is connected to HDMI output port 1
		OFF: No display is connected to HDMI output port 1
3	OUT 2	**ON:** Display is connected to HDMI output port 2
		OFF: No display is connected to HDMI output port 2
4	4K	**ON:** 4K signal input
		OFF: None 4K signal input
5	HDCP	**ON:** There is HDCP encryption with input signal
		OFF: None HDCP encryption with input signal
6	POWER	**ON:** The splitter is power on
		OFF: The splitter is power off

EDID Switch	
Position	**Descriptions (EDID on input port)**
0	Copy EDID from OUT1
1	1920x1080@60Hz
2	3840x2160@30Hz
3	3840x2160@60Hz
4	1280x720@60Hz
5	1280x1024@60Hz
6	1920x1200@60Hz
7	Reserved
8	Reserved
9	Reserved

Resolution Switch	
Position	**Descriptions(Resolution on Out 2)**
0	1920x1080@60Hz
1	3840x2160@30Hz
2	3840x2160@60Hz
3	1280x720@60Hz
4	1024x768@60Hz
5	1366x768@60Hz
6	1280x1024@60Hz
7	1920x1200@60Hz
8	1280x1024@60Hz,DVI
9	1920x1080@60Hz,DVI

REAR PANEL
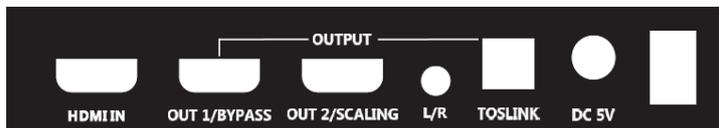
ID	Name	Description
1	HDMI IN	Connects to HDMI source device
2	OUT 1	HDMI OUT 1/BYPASS
3	OUT 2	HDMI OUT 2/SCALING
4	L/R	Ø3.5mm jacket, analog audio output
5	TOSLINK	5V DC power input, threaded port for standard or locking connection

BOTTOM MARK:

Use the switch on bottom side can select the HDCP mode on output ports

OPTION	
Position (PIN2,1)	HDCP with Output Ports
0,0	Follow Input
0,1	Force HDCP1.4
1,0	Force HDCP2.2

INITIAL INSTALLATION:

● Using qualified HDMI cables, connect an HDMI source (such as Blue-ray, games console, satellite/cable TV, media server etc.) to HDMI IN port of the splitter.
● Connect the HDMI display devices (LED/LCD display or projector) to the HDMI OUT ports of the splitter.
● Insert the 5V power adaptor into the power input port of splitter and connect to wall outlet mains supply.
● After ensuing all sources and displays are properly connected, turn on mains power supply.
● Check Power and IN/OUT LED on the front panel are fully lit for correct connection. If not, check cable connections.

Note:
1. Both source and display devices must be powered on for LED indicators to detect device connection.
2. Ensure power supplied are disconnected from all devices before installation.

PACKAGE CONTENTS:

● 1 x Main Unit
● 1 x 5V / 3A DC Power Supply
● 1 x User Manual