SC-HDM2-T4K-HD
HDMI 2.0a Re-Timer / EDID Recorder With HDCP 2.2 Support
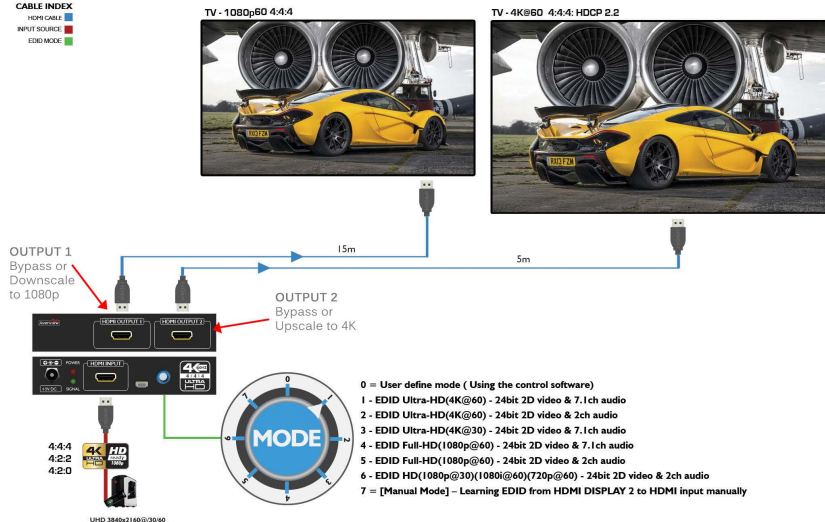
EDID Manager With HDCP 2.2 Support

4K ULTRAHD

KEY FEATURES

- HDMI 2.0a compliant;
- Supports 4K2K@60 4:4:4 8bits;
- Supports HDR (4K2K@60 4:2:0 10bits);
- HDCP 2.2 compliant;
- Supports resolution upscaling from 1080p to 4K2K or downscaling from 4K2K to 1080p (No frame rate conversion);
- Supports HDMI signal bypass;
- Simultaneous HDMI output;
- Able to read and store the EDID of displays (monitors or projectors);
- Able to overwrite the EDID into the EDID Reader/Re-timer or the HDMI displays;
- Built-in default EDID;
- Able to maintain HDMI/DVI video resolution;
- Re-synthesizes input HDMI stream and maintains or improves signal integrity.
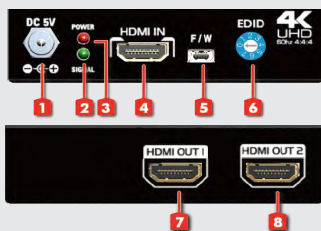
SC-HDM2-T4KHD

CABLE INDEX
- HDMI CABLE
- INPUT SOURCE
- EDID MODE

TV - 1080p60 4:4:4
TV - 4K@60 4:4:4: HDCP 2.2

1080p = 15m (50 feet) HDMI 1.4
3840x2160 UHD = 5m (16 feet) HDMI 2.0
LAYOUT 1

OUTPUT 1 Bypass or Downscale to 1080p
OUTPUT 2 Bypass or Upscale to 4K

15m   5m

4:4:4
4:2:2
4:2:0

UHD 3840x2160@/30/60

MODE

0 = User define mode (Using the control software)
1 - EDID Ultra-HD(4K@60) - 24bit 2D video & 7.1ch audio
2 - EDID Ultra-HD(4K@60) - 24bit 2D video & 2ch audio
3 - EDID Ultra-HD(4K@30) - 24bit 2D video & 7.1ch audio
4 - EDID Full-HD(1080p@60) - 24bit 2D video & 7.1ch audio
5 - EDID Full-HD(1080p@60) - 24bit 2D video & 2ch audio
6 - EDID HD(1080p@30)(1080i@60)(720p@60) - 24bit 2D video & 2ch audio
7 = [Manual Mode] – Learning EDID from HDMI DISPLAY 2 to HDMI input manually

MECHANICAL SPECIFICATIONS

Housing	Metal Case
Dimensions (WXLXH)	3.7" x 3.2" x 1"
Net Weight	0.6 lbs
Power Supply	5V 2A
Power Consumption	4 W
Operating Temperature	0~40°C [32~104°F]
Storage Temperature Relative	20~60°C [-4~140°F]
Humidity	20-90% RH [No Condensation]

PANEL DESCRIPTION

1	Power Supply	**2**	Green LED
3	Red LED	**4**	HDM IN
5	Mini USB (factory use)	**6**	EDID Mode Selection
7	HDMI OUT1	**8**	HDMI OUT2

ITEM	SPECIFICATION
Description	EDID Manager With HDCP 2.2 Support
HDMI Compliance	HDMI 2.0a
Supported Resolutions	HDR 4K2K@24/25/30/50/60 (3840x2160)(4:2:0 10bits) / 4K2K@24/25/30/50/60 (3840x2160) (4:4:4 8bits), 1920x1080p@24/25/30/50/60, 720x480p, 720x576p, 1280x720p
Input Ports	1x HDMI, 1x mini-USB
Output Ports	2x HDMI
HDCP Video Compliance	2.2
HDMI Connector	Type A [19-pin female]
Audio Support	5.1/7.1 Lossless Dolby TrueHD and DTS-HD Surround Sound
USB Connector	Type mini-USB
Flash EEPROM	256 byte [non-volatile]
Control	USB
HDR Support	Yes
EDID Modes	7 adjustable modes
HDMI Out Options	Output1: - Bypass - Upscale to 4K Output2: - Bypass - Downscale to 1080p
Video Bandwidth	Single-link 600MHz [18Gbps]
Chroma Sampling	4:2:0, 4:2:2 and 4:4:4

HDMI HDMI 2.0 HDCP 2.2 4K RoHS Compliant HD ready 1080p RoHS Compliant

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