

UHDS-01



4K@60 and HDCP2.2 supported HDMI audio De-embedder / Embedder

The IDK UHDS-01 HDMI audio de-embedder/embedder supports HDCP 2.2 for HDMI output and 4K@60 having four times the resolution of full HD.

The UHDS-01 HDMI converts the digital audio to analog audio, and it also can convert analog audio to digital audio in order to input HDMI signals.

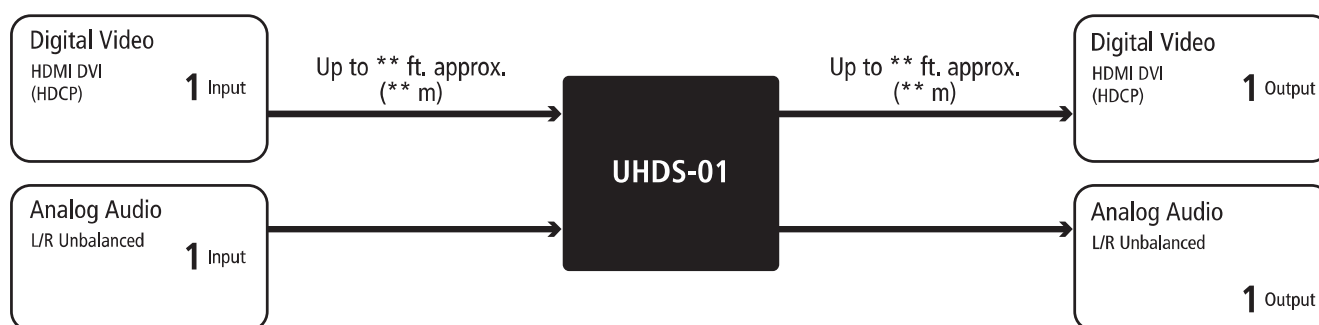
FRONT & REAR PANEL



FEATURES

- Video:**
 - 4K@60 (4:4:4)
 - HDCP 1.4 / 2.2
 - Anti-snow
- Audio:**
 - Analog audio embedded to HDMI
 - Analog audio de-embedded from HDMI
- Others:**
 - EDID emulation
 - DDC buffering
 - Displaying I/O signal status
 - Connection Reset

CONNECTION DIAGRAM



SPECIFICATIONS

Input	Video	Digital	Number / Signal	1 input / HDMI, DVI 1.0 (HDCP 1.4 / 2.2)
		Connector		TMDS single link TMDS clocks: 25 MHz to 300 MHz Dot clocks: 25 MHz to 600 MHz
		Others		1 female HDMI Type A
	Audio	Others		Color depth : 24 bit, 30 bit, 36 bit Deep Color
		Formats		VGA to 4K
		Formats		480i / 480p / 576i / 576p / 720p / 1080i / 1080p / 4K
Output	Video	Digital	Number / Signal	1 input / Multi-channel linear PCM up to 8 channels
		Connector		Sampling frequency: 32 kHz to 192 kHz Sample Size: 16 bit to 24 bit Baseline level: -20 dBFS Maximum I/O level: 0 dBFS
		Connector		1 female HDMI Type A
	Audio	Analog	Number / Signal	1 input / Stereo L/R unbalanced signals
		Connector		Input impedance: 24 Ω, Standard level: -10 dBu Maximum output level: +10 dBu
		Connector		1 RCA jack
	Video	Digital	Number / Signal	1 outputs / HDMI, DVI 1.0 (HDCP 1.4 / 2.2)
		Connector		TMDS single link TMDS clocks: 25 MHz to 300 MHz Dot clocks: 25 MHz to 600 MHz
		Connector		1 female HDMI Type A
	Audio	Others		Color depth : 24 bit, 30 bit, 36 bit Deep Color
Plug & Play	Video	Formats		VGA to 4K
		Formats		480i / 480p / 576i / 576p / 720p / 1080i / 1080p / 4K
		Formats		480i / 480p / 576i / 576p / 720p / 1080i / 1080p / 4K
	Audio	Digital	Number / Signal	1 outputs / Multi-channel linear PCM up to 8 channels
		Connector		Sampling frequency: 32 kHz to 192 kHz Sample Size: 16 bit to 24 bit Baseline level: -20 dBFS Maximum I/O level: 0 dBFS
		Connector		1 female HDMI Type A
	Audio	Analog	Number / Signal	1 output / Stereo L/R unbalanced signals
		Connector		Output impedance: 75 Ω, Standard level: -10 dBu Maximum output level: +10 dBu
		Connector		1 RCA jack
	DDC2B			
Automatic cable equalization				(built-in EDID / EDID copied from monitors / can be selected from EDID of connected monitors)
Functions				Built-in EDID: the maximum resolution can be selected.
Input and output cable equalization,				Input: 16.4 ft. to ** ft. approx. (5 m to ** m)
Audio A/D and D/A conversion, Anti-snow, De-embedded audio from HDMI signal, DDC buffer,				Output: 16.4 ft. to ** ft. approx. (5 m to ** m)
7-segment LED signal status check, Connection Reset, Key lock				
Others	Power			100 - 240 VAC ± 10%, 50 Hz/60 Hz ± 3 Hz
	Power consumption			TBD
	Dimensions			8.27 x 1.73 x 7.87" / 210 (W) x 44 (H) x 200 (D) mm (EIA half size, projections are not included)
	Weight			TBD
	Temperature			Operating: 32°F to 104°F (0°C to +40°C) Storage: -4°F to 176°F (-20°C to +80°C)
	Humidity			Operating / Storage humidity: 20% to 90% (Non Condensing)