

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

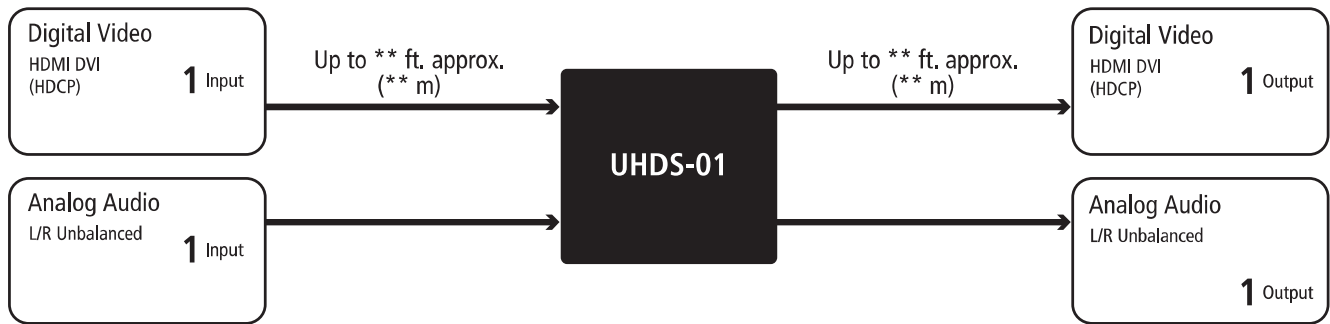
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CONNECTION DIAGRAM



SPECIFICATIONS

| | | | | |
|------------------------------|-------------------|---|-----------------|---|
| Input | Video | Digital | Number / Signal | 1 input / HDMI, DVI 1.0 (HDCP 1.4 / 2.2) TMDS single link TMDS clocks: 25 MHz to 300 MHz Dot clocks: 25 MHz to 600 MHz |
| | | | Connector | 1 female HDMI Type A |
| | | Others Formats | | Color depth : 24 bit, 30 bit, 36 bit Deep Color VGA to 4K 480i / 480p / 576i / 576p / 720p / 1080i / 1080p / 4K |
| | Audio | Digital | Number / Signal | 1 input / Multi-channel linear PCM up to 8 channels 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 |
| | | Analog | Number / Signal | 1 input / Stereo L/R unbalanced signals Input impedance: 24 Ω, Standard level: -10 dBu Maximum output level: +10 dBu |
| | | Connector | 1 RCA jack | |
| Output | Video | Digital | Number / Signal | 1 outputs / HDMI, DVI 1.0 (HDCP 1.4 / 2.2) TMDS single link TMDS clocks: 25 MHz to 300 MHz Dot clocks: 25 MHz to 600 MHz |
| | | | Connector | 1 female HDMI Type A |
| | | Others Formats | | Color depth : 24 bit, 30 bit, 36 bit Deep Color VGA to 4K 480i / 480p / 576i / 576p / 720p / 1080i / 1080p / 4K |
| | Audio | Digital | Number / Signal | 1 outputs / Multi-channel linear PCM up to 8 channels 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 |
| | | Analog | Number / Signal | 1 output / Stereo L/R unbalanced signals Output impedance: 75 Ω, Standard level: -10 dBu Maximum output level: +10 dBu |
| | | Connector | 1 RCA jack | |
| Plug & Play | | | | DDC2B (built-in EDID / EDID copied from monitors / can be selected from EDID of connected monitors) Built-in EDID: the maximum resolution can be selected. |
| Automatic cable equalization | | | | Input: 16,4 ft, to ** ft, approx. (5 m to ** m) Output: 16,4 ft, to ** ft, approx. (5 m to ** m) |
| Functions | | | | Input and output cable equalization, Audio A/D and D/A conversion, Anti-snow, De-embedded audio from HDMI signal, DDC buffer, 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) | | |