



Product No. VIKE22



Key Digital KD-HDFIX22 Extender, Booster, EDID Buffer & Digital & Analog Audio De-Embedder

Product Descriptions

Key Digital KD-HDFIX22 Extender, Booster, Buffer of EDID Audio De-Embedder of Digital Coaxial and Analog. The HDMI Extender, Booster & Buffer of EDID with built-in Audio De-Embedder of Digital Coaxial & Analog L/R, supports HDCP 2.2, TMDS, HPD, Ultra HD/4K. The KD-HDFIX22 is HDCP 2.2 compliant, uses auto-eq to deliver the best possible picture quality and resolves common HDMI integration obstacles such as HDCP, EDID, HPD, and audio breakout. Today's installations need reliable, easy, and fast integration of video and audio in commercial and residential applications and the KD-HDFIX22 helps with that.

The KD-HDFIX22 provides: 1x HDMI Input and 1x HDMI Output, a 3.5mm stereo jack for analog audio output, an RCA for digital audio output, a 3.5mm stereo mini-jack for control of the unit or firmware updates, a 16 position rotary EDID switch, and a 5V 2A power connection.

Product Details

Although care has been taken to ensure the accuracy of the information provided in this Product Specification, CTR is in no way liable for any errors, omissions or changes in specifications.

Features

- ❖ Extension: Capable of extending UHD/4K and 1080p resolution up to 75 ft. / 23 m. in and 75 ft. / 23 m. out (150 ft. / 46 m. total)
- ❖ HDMI Correction: Resolves common HDMI integration obstacles such as HDCP, EDID, HPD, and audio breakout
- ❖ Resolution Support: Supports all SD, HD, and VESA resolutions up to Ultra HD/4K, 3D and 1080p/60 (60Hz & 50Hz)
- ❖ 4K/Ultra HD: Support for 4096x2160 or 3840x2160 24/25/30Hz at 4:4:4 or 60Hz at 4:2:0.
- ❖ HDCP 2.2: Compliancy up to HDCP 2.2
- ❖ 3D Ready: Capability to pass 3D stereoscopic signal formats Full Buffer System: Manages TMDS re-clocking / signal re-generation, HDCP authentication to source & display, and EDID Control handshake
- ❖ Deep Color Support: Up to 16 bits/color at 1080p/60 - See more at:

Features

- ❖ Audio De-Embedding: Audio from the HDMI input is de-embedded through the Coax digital (PCM) and/or Analog L/R audio output
- ❖ Auto-EQ: Precise signal equalization applied to input and output signals automatically delivers best possible picture quality
- ❖ EDID Control: 15 internal EDID tables or EDID copy from output/display
- ❖ Forced HPD: Enables integrator to choose if active signal voltage is forced to connected input device
- ❖ Licensing: Fully licensed and compatible with HDMI up to 4KUHD/60Fps and HDCP 1.0 to HDCP 2.2 technologies.
- ❖ I2C Communication: EDID and HDCP transparency from Display to Source
- ❖ RS-232 Controllable: Control of unit and connectivity status
- ❖ CEC Support: For inter-device control between main input and output HDMI channel

Specifications

Input Connector	1x HDMI (female)
Output Connectors	2x SDI BNC (female)
Input Power	5.0 VDC, 2A
Power Consumption	up to 4 watts
Operating Temperature	+32 ~ +122°F (0 ~ +50°C)
Operating Humidity	10 ~ 85% RH (non-condensing)
Storage Temperature	+14 ~ +176°F (-10 ~ +80°C)
Storage Humidity	5 ~ 90% RH (non-condensing)
Dimensions	3.9" x 2.8" x 1.0" (100 x 70 x 25 mm)
Weight	8.1oz. (230g)
Regulatory Compliance	FCC, CE, UL

Head Office Location



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