



## RE-101-4K22

Full 4K HDMI to HDMI Repeater with EDID Management



The RE-101-4K22 is designed to enhance and stabilize high-bandwidth HDMI signals, allowing the user to extend a UHD 4K, HDMI 2.2 signal an additional 5m whilst also providing the function of customized EDIDs. The built in EDID management support allows the user to easily switch between three distinct EDIDs (Internal, External, and User). With the use of the optional PC software it is possible to create, edit, upload or download the customized User EDID. The unit's toggle switch and simple LED design allows the user to quickly switch between different configurations while viewing EDID status information.

### PANELS

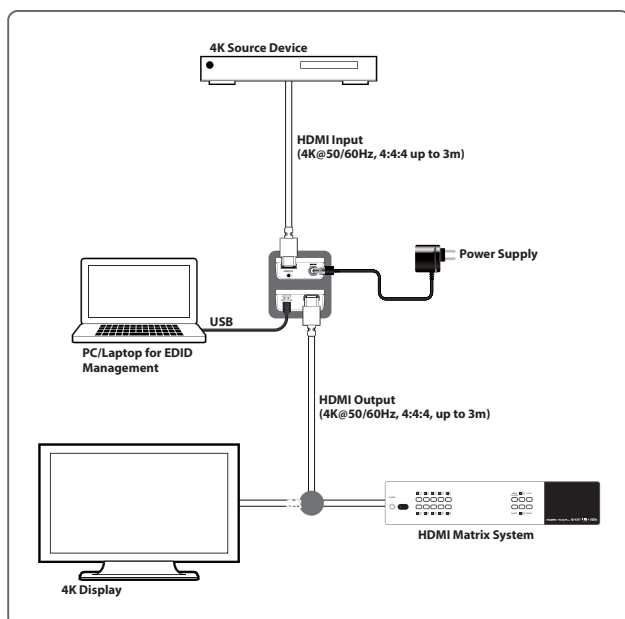


Front View



Rear View

### DIAGRAM



### FEATURES

- HDMI input and output with 18Gbps (600MHz) 4K UHD support
- DVI 1.0 compliant with the use of an HDMI-DVI adaptor
- HDCP 1.4 and 2.2 compliant
- Supports HD resolutions up to 3840×2160@60 Hz (4:4:4, 8-bit) & 4096×2160@60 Hz (4:4:4, 8-bit)
- Supports 48-bit Deep Colour up to 1080p@60Hz and 36-bit Deep Colour up to 4k@60Hz (YUV 4:2:0)
- Supports pass-through of LPCM 7.1, Bitstream and HD Bitstream audio formats
- EDID selectable between internal, external and user custom EDID
- PC based EDID management tool support via the Micro-USB port
- LED display providing an easy view of the current EDID and unit status

### SPECIFICATIONS

#### Interfaces

Input Port	1×HDMI (Type A)
Output Port	1×HDMI (Type A)
Control I/O	1×USB (Micro-B)

#### Video

HDMI Compliance	HDMI 2.0 (DVI 1.0)
HDCP Compliance	2.x
Input Signal Types	4096x2160p@60 8bit YUV 4:4:4
Output Signal Types	4096x2160p@60 8bit YUV 4:4:4

		Resolutions
Maximum Input	HDMI	4096×2160p@60
Maximum Output	HDMI	4096×2160p@60

#### Power

Power Supply	5V/2.6A DC
Power Consumption	1.54W

#### Enclosure

Chassis Material	Plastic
Chassis Colour	Black
Dimensions (W×H×D)	50mm×22.5mm×85mm [Case Only] 52mm×22.5mm×97mm [All Inclusive]
Weight	60g

#### Field Firmware Update

USB to PC

### ORDERING INFORMATION

Model No.	Product Description
RE-101-4K22	Full 4K HDMI to HDMI Repeater with EDID Management