

TECHNICAL SPECIFICATION

VIDEO	
Format	HDMI 1.3 (HDCP compliant)
Resolution	Up to 1080p (1920x1080 @ 60Hz)
Inputs	(8) HDMI Type A 19-pin (female)
Outputs	(8) RJ-45 for CAT5/5e/6
Input Cable Length	Up to 40 ft
Output Cable Length	Up to 500 ft
AUDIO	
Format	HDMI (Dolby TrueHD, DTS-HD MA)
Input Interface	HDMI (Integrated)
Output Interface	CAT5/5e/6 via RJ-45
IR	
Signal Type	38 KHz
Interface	3.5 mm Jack Socket (Female)
OTHER	
Power Internal	100-240 VAC (CCPWR06)
Dimensions	17" W x 1.7" H x 4.357" D
Weight	3.6 lbs
Approvals	UL, CE, ROHS Compliant
Operating Temp.	32 - 122° F (0 - 50° C)
Storage Temp.	-4 - 149° F (-20 - 65° C)
Humidity	Up to 90% (no condensation)

WHAT'S IN THE BOX

PART NO.	Q-TY	DESCRIPTION
RK8-HLX-500	1	HDMI & IR 8-Port Rackmount Extender Transmitter
Power Cord	1	CCPWR06
Quick Start Guide	1	

NOTICE

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SMART AUDIO VIDEO INNOVATION

RK8-HLX-500

8-Port HDMI/IR Extender Rack Over LAN



**CONSOLIDATE UP TO EIGHT
HDMI EXTENDERS WITH ONE
RACK-MOUNTED TRANSMITTER
UNIT THAT SENDS 1080P
FULL HD SIGNALS
UP TO 500 FEET OVER LAN**

Quick Start Guide

OVERVIEW

The RK8-HLX-500 is the perfect solution for extending HDMI signals to a remote location up to 500 feet away. It is the ideal way to consolidate up to eight HDMI signal sources in central one location.

The RK8-HLX-500 is rack-mountable, meaning it can fit into mounting shelves without the need for additional mounting equipment. It is capable of sending 1080p (1920x1080 @ 60Hz) Full HD HDMI signals to end-point displays in a variety of ranges and applications. One unit can extend to up to eight displays easily without the additional expense & power-costs of multiple extenders systems, making it the best choice for boosting the range of multiple HDMI source devices.

FEATURES

- Extends HDMI signals up to 500 feet via LAN (Cat5e/6 cables)
- Chainable for thousands of feet of extension
- Supports up to 8 HDMI sources on single rack
- Supports high resolution 1080p HD video, 1920x1080 at 60Hz
- Supports stereo audio
- IR (Infrared) remote enabled
- Rack mountable
- No software or driver required
- Plug-and-Play ready
- Distance can be increased if using ethernet GigaSwitch

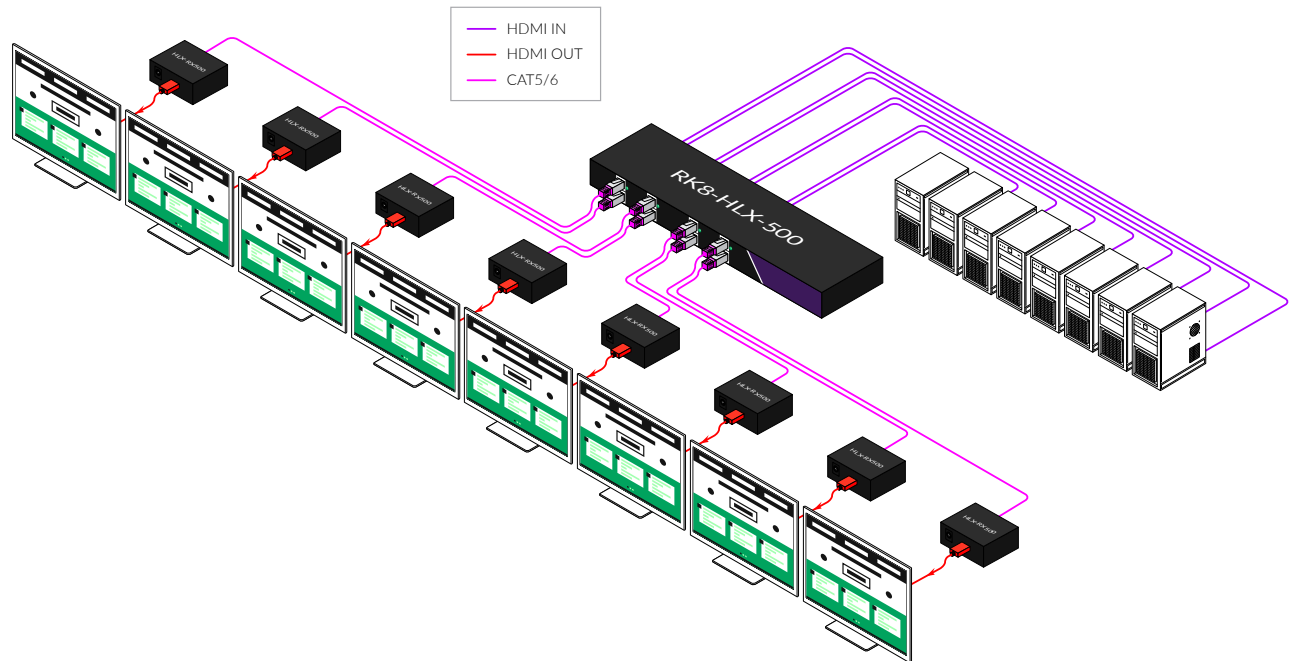
HARDWARE INSTALLATION

1. Power off the HDMI source and display.
2. Connect an HDMI cable from the HDMI source to the HDMI IN port of the RK8-HLX-500 transmitter.
3. Connect the RK8-HLX-500 transmitter to the HLX-RX500 receiver using a CAT5e/6 cable (up to 150ft).
4. Connect an HDMI cable from the HDMI OUT port on the HLX-RX500 receiver to the HDMI display
5. Connect the power on the RK8-HLX-500 transmitter plugging in their power adapters (12VDC2A) or provide 12VDC input from the rear DC input port.

NOTE: If the RX side has connected DC adapter, TX can get the DC power over the CAT5e/CAT6 cable, so leave DC input port empty. Only 1 power supply is required for both units. (In certain cases, if the receiver has too much drop off power, we recommend to connect a 12V DC power supply to each receiver)

6. Power on the HDMI source, displays and speakers. The RX will read the EDID from the monitor, and then pass the data into the TX automatically.

INTALLATION NOTE: Do not stack receiver units. Stacking inhibits heat distribution.



RK8-HLX-500 FRONT



RK8-HLX-500 BACK

