

TECHNICAL SPECIFICATION

VIDEO	
Format	HDMI
Maximum Pixel Clock	165MHz
Inputs	(16) HDMI
Local Outputs	(16) HDMI
Remote Outputs	(16) RJ-45
Resolution	Up to 1920 x 1200 @60Hz or 480p/720i/720p/1080i/1080p
DDC	5 volts p-p(TTL)
Input Equalization	Automatic
Cable Length	Up to 20 ft
OTHER	
Power Internal	110-240 VAC
Dimensions	17" W x 3.5" H x 3.25" D
Weight	10 lbs
Operating Temp.	0-55 °C (32-131 °F)
Storage Temp.	-20-85 °C (-4-185 °F)
Humidity	Up to 95%

WHAT'S IN THE BOX

PART NO.	Q-TY	DESCRIPTION
RKT16-HDX100	1	16-port HDMI Rack Mountable Transmitter
Power Cord	1	CCPWR06
Quick Start Guide	1	

NOTICE

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Smart-AVI
SMART AUDIO VIDEO INNOVATION

RKT16-HDX100

Rack 16-Port HDMI Extender



**CONSOLIDATE SIXTEEN HDMI
EXTENDERS IN ONE RACK UNIT
TO TRANSMIT HD SIGNALS
UP TO 150 FEET USING
INEXPENSIVE CAT5E/6 (STP)**

Quick Start Guide

OVERVIEW

The RKT16-HDX100 is the perfect solution for extending HDMI signals to a remote location up to 150 feet away. It is the ideal way to consolidate up to sixteen workstation computers into one location. It is fully compatible with MAC, PC and LINUX HDMI standards. Up to sixteen displays can be extended easily from a rack without the mess or expense of multiple extenders. Rather than buy multiple extenders for rack components, and having to find power strips or numerous power outlets for the adapters, the SmartAVI rack series of extenders allows for up to sixteen inputs and sixteen outputs and one power supply.

FEATURES

- Supports up to 16 HDMI sources
- Supports High Resolution 1920x1200 60Hz WUXGA
- Extends up to 150 feet with Cat5e/6 STP cables
- Zero pixel loss with TMDS signal correction
- DDC from internal table
- Compatible with all operating systems
- Local HDMI output for each port
- HDMI 1.3 and HDCP compliance
- Compatible with all major DVD players
- Rack Mountable Solution
- Data recovery for digital video
- Plug-and-play ready
- Uncompressed Video

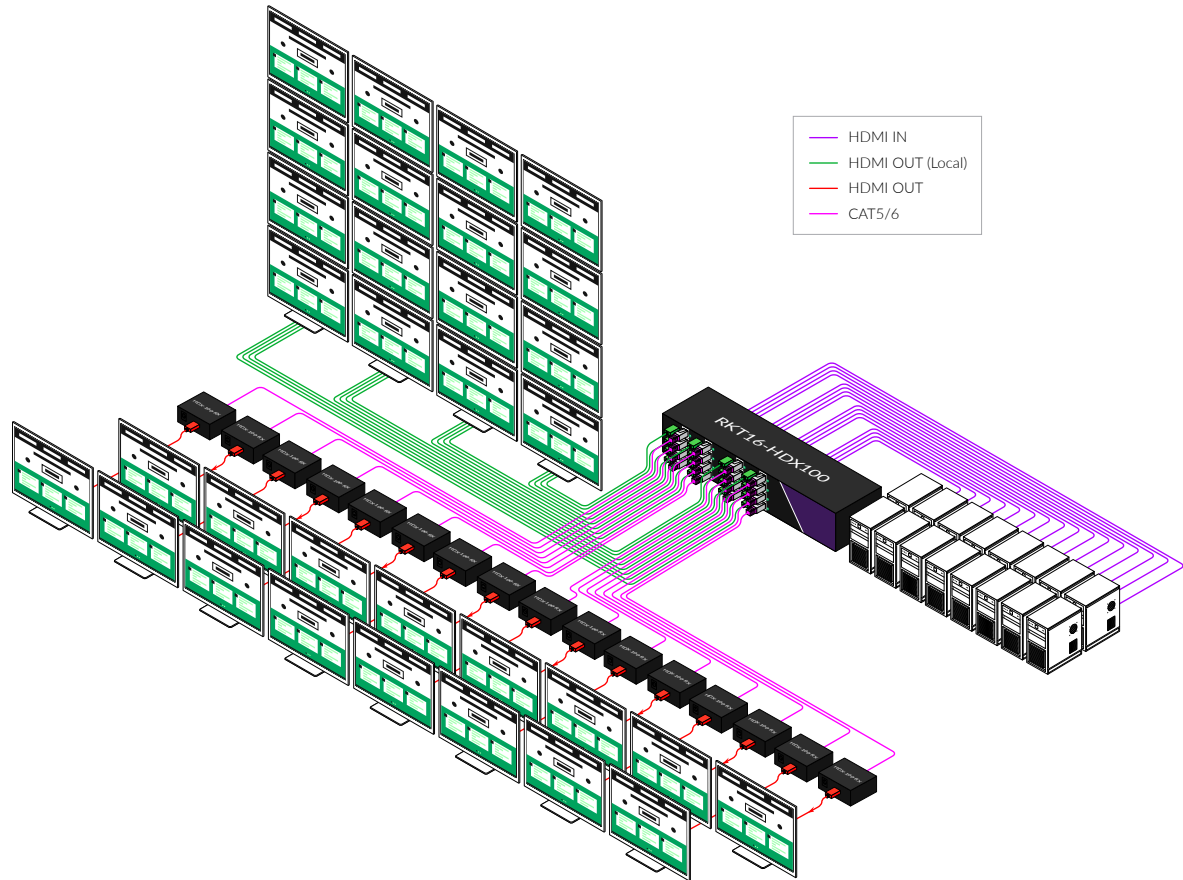
HARDWARE INSTALLATION

1. Power off the HDMI source and display.
2. Connect an HDMI cable from the HDMI source to the HDMI IN port of the RKT16-HDX100 transmitter.
3. Optionally connect an HDMI cable from the HDMI OUT port of the RKT16-HDX100 transmitter to the local HDMI display.
4. Connect the RKT16-HDX100 transmitter to the HDX-RX100 receiver using a CAT5e/6 cable (up to 150ft).
5. Connect an HDMI cable from the HDMI OUT port on the HDX-RX100 receiver to the HDMI display
6. Connect the power on the RKT16-HDX100 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

7. 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.



RKT16-HDX100 FRONT



RKT16-HDX100 BACK

