IP KVM Extender

4K30 Single Head HDMI IP KVM Extender over CATx With Local Out, Audio, RS-232, USB 2.0, 100m

Model: IPKX-A430-SH100

PRODUCT OVERVIEW

The **IPKX-A430-SH100, Single Head HDMI IP KVM Extender,** allows users to locally connect HDMI monitor, USB keyboard, mice, and other devices, as well as speakers and microphones, to operate remote computer, server, or other IT device. Additionally, you can view the output video from the remote source device through the local loopback port of the Single Head HDMI KVM Extender.

KEY FEATURES

- Supports HDMI input/output video quality up to 3840 x 2160 @ 30Hz and 1920 x 1200 @ 60Hz.

- Local HDMI loopback on the transmitter (TX) unit for monitoring.

- Video / USB / RS-232 / audio extension distance up to 100 meters (330 feet) using single CAT5e/6/6a Ethernet cable.

- One RJ-45 Port for extension over CATx

- Transparent USB extension supporting USB 2.0/1.1 with 4 ports for compatibility with various devices such as storage drives, touch screens, printers, keyboards, mice, etc. Maximum USB signalling rate is 12Mbps.

- Supports 2-way analog audio extension.

- Supports bidirectional Serial RS-232 extension at a fixed baud rate of 115,200bps.

- LED indicators show status for respective power and link.

- Supports EDID Pass-through from remote display at the Receiver end.
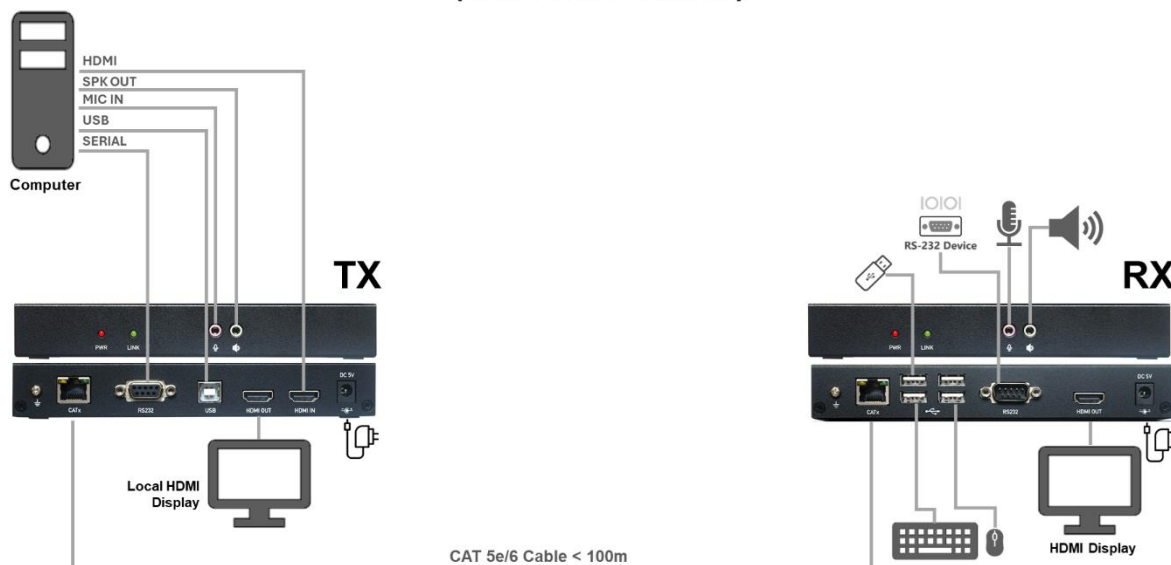
- Compliant with HDMI 1.4.

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PRODUCT SPECIFICATIONS

IPKX-A430-SH100	Transmitter (TX)	Receiver (RX)
Video Input	HDMI Female x 1	-
Video Output	HDMI Female x 1	HDMI Female x 1
Max. Video Resolution	Up to 3840x2160@30Hz	
USB Extension	USB Type B Female x 1	USB Type A Female x 4
Audio Extension	Analog Audio 3.5mm Jack - Line IN x 1 - Line Out x 1	Analog Audio 3.5mm Jack - MIC IN x 1 - Speaker Out x 1
Serial Extension	D-SUB 9-Pin Female x 1 Fixed Baud Rate 115,200bps	D-SUB 9-Pin Male x 1 Fixed Baud Rate 115,200bps
LED Indicator	Power: Red LED Link: Green LED	
DDC Supported	DDC, DDC2, DDC2B	
Link Port	RJ-45 (1Gbps) x 1	
Extension Range	Max. 100m (330 ft) with CAT5e/6/6a cable	
OS Compatibility	OS Independent	
Power Supply	External DC 5V / 2A	
Dimension (L x W x H mm)	180 (7.09") x 83 (3.27") x 27 (1.06")	
Weight (g)	372	378
Housing Material	Chassis Metal	
Operating Environment	0 ~ 50°C (32 ~ 122°F)	
Storage Temperature	-20 ~ 60°C (-4 ~ 140°F)	
Humidity	0% - 80% RH	

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CONNECTION DIAGRAM

4K30 Single Head HDMI IP KVM Extender
(IPKX-A430-SH100)

Note: The 100m distance can be extended using a 1GbE Unmanaged Switch or Hub. However, only 1 pair of TX-RX extenders can be on the network.

PANEL DIAGRAMS

Front and Rear Panel:

IP KVM Extender

PACKAGE CONTENTS

- 1 × IPKX-A430-SH100 Transmitter Unit
- 1 × IPKX-A430-SH100 Receiver Unit
- 2 × 5V/2A DC Power Adapter
- 1 × HDMI Cable
- 1 × 3.5mm MIC/SPK Combo Cable
- 1 × USB Type A-B Cable
- 1 × Quick Start Guide
- 1 × L-Plate Brackets Set

WARRANTY

- Standard 1-Year Limited Warranty, unless otherwise specified by Sales.
- Optional Advance Replacement Warranty is available upon request

ORDERING INFORMATION

Part Number	Descriptions
IPKX-A430-SH100	4K30 Single Head HDMI IP KVM Extender over CATx with Local Out, Audio, RS-232, USB 2.0, 100m

CONTACT INFORMATION

For more information, please visit our website or contact our customer service team:

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