

HDMI KVM Extender

Up to 100m at 1920x1200



HEXTU-100-PoC Features

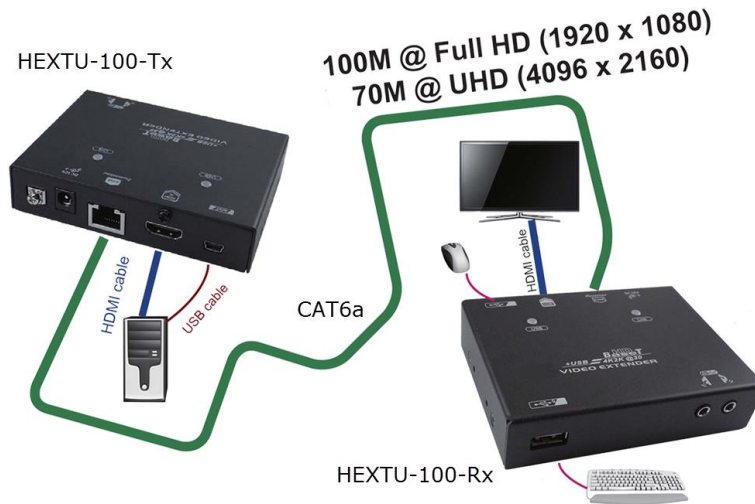
This HDMI KVM USB extender over CAT5e/6/6a allows you to extend your HDMI signal up to ~100 metres away using standard, inexpensive CAT 5x cabling.

The HDBaseT technology allows the extension of uncompressed Full HD 1080p or 4K2K Ultra HD video as well as digital surround sound audio all over just one single CATx cable.

This HDMI extender also has a unique Phantom Power feature: PoC – Power Over Cable. With PoC, only one AC power adapter required and can be connected to either the transmitter or receiver.

Features

- Extends your HDMI signal up to 100 metres over a single CAT5e/6/6a UTP cable
- Supports uncompressed Full HD 1080p/1200 video up to 100m
- Supports uncompressed 4K2K Ultra HD video up to 70m
- Supports full uncompressed digital audio
- Supports High Speed HDMI with 3D
- 2 x USB HID power for keyboard & mouse
- Phantom Power feature PoC - use a single AC adapter at either transmitter or receiver end
- HDMI resolution support: 4K2K@30Hz, 1080p, 1080i, 720p, 576p, 576i, 480p and 480i
- Deep Colour support: 24-bit and 36-bit
- Audio format support: LPCM, Dolby AC-3, DTS7.1 & DSD
- HDCP version: HDCP v1.2
- Supports bandwidth up to 340MHz (10.2Gbps)



Model	Transmitter Unit	Receiver Unit
HEXTU-100	HEXTU-100-Tx	HEXTU-100-Rx
Video Input / Output	HDMI x 1 (input)	RJ-45 x 1 (output)
Link Port	RJ-45 x 1	HDMI x 1
LED (Link / Video status)	(Multi-Colour) x 1	(Multi-Colour) x 1
LED (USB Status)	x 1	x 1
IR Extension	IR Transceiver x 1 IR Receiver x 1	IR Transceiver x 1 IR Receiver x 1
USB 2.0	USB Host x 1	USB Device x 2 (w/ USB hub up to 6)
Video Resolution (max.)	UHD (3840 x 2160 @30Hz or 60Hz pending colour bits)	
Extension Distance	~100M @ Full HD (1920 x 1080) ~70M @ UHD (3840 x 2160)@30Hz	
Power Supply	DC 12V PoC Power Over Cable/Ethernet- single power supply at either one end of two units (Tx & Rx)	
Enclosure	Metal	
Dimensions H x W x D	24 x 102 x 75mm	
Weight (g)	270 ~ 300	
Environmental	Operating temperature	+0 to +40° C (+32° to 104° F)
	Operating humidity	10% to 85% (Non-condensing)
	Storage temperature	-20° to +60° C (-4° to +140° F)
Certification	CE, FCC, RoHs, C-Tick	

NOTE: Preference for CAT6a 500Mhz cabling for optimal resolutions and distance