



# KVM EXTENDERS

# LONG DISTANCE KVM EXTENSION SYSTEMS

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Lindy's cutting-edge KVM extension systems allow you to operate and maintain office servers remotely, far from the server rooms improving workflows and productivity.

To connect the transmitter and the receiver you can use either Cat.x or fibre optic cables, depending on the distance and the required performance of the signals.

We offer a broad portfolio of KVM products to ensure you find a solution that perfectly meets your needs.

Discover Lindy's extensive KVM product range!

# HDMI KVM EXTENDERS

HDMI is the most widely used standard for high-resolution audio and video transmission. From computers to displays, media players to TVs and projectors, HDMI is the ideal connection solution

for uncompressed high frame rate 4K and 8K UHD performance. It is also an integral part of the world's first transmission standard for KVM extender systems, HDBaseT.

## 50m CAT.6 HDMI & USB KVM EXTENDER

- Allows remote control of a PC using a keyboard, mouse and monitor at distances of up to 50m over Cat.6 cable
- Supports resolutions up to Full HD 1080p / 1920x1200
- Supports USB keyboard and mouse signals



▶ No. 39371

## 100m C6 HDBaseT 2.0 HDMI & USB KVM EXTENDER

- Extends HDMI 2.0 compatible signals up to 100m using HDBaseT™ 2.0 Technology
- Uses a single cable to extend HDMI, USB, RS-232, IR, Ethernet and audio signals
- Supports resolutions up to Ultra HD 4096/3840x2160p60
- Integrated Power over Cat.6 (PoC) functionality, requires only a single power supply



▶ No. 38209

## 100m CAT.6 DUAL HEAD HDMI, USB & RS-232 EXTENDER

- Controls a high performance PC, with two displays, in a remote location with USB, Serial & bi-directional IR support
- Extends two 1920x1080@60Hz HDMI signals up to 100m using HDBaseT 2.0 over a single Cat.6 cable
- Audio pass-through allows the connection of amplifiers, speakers and microphones



▶ No. 39374

## 300m FIBRE OPTIC HDMI 18G & USB KVM EXTENDER

- Extends 4K HDMI & KVM signals up to 300m using LC fibre cable
- Supports resolutions up to 3840x2160@60Hz 4:4:4 8bit
- 2 USB Type A ports for connecting Keyboards, Mice & other USB HIDs
- Bi-directional IR & RS-232 Pass-through



▶ No. 39392

# DISPLAYPORT KVM EXTENDERS

DisplayPort is widely used for the transmission of audio and video signals. The latest version supports resolutions up to 8K at high refresh rates and the uncompressed colour sampling ratio of 4:4:4.

Modern laptops can generate DisplayPort signals via a USB Type C connector. Using adapters, this port can be converted to the standard DP connector which is commonly used in Displayport KVM Extenders.

## 100m CAT.6 DISPLAYPORT 1.2 & USB KVM EXTENDER

- Extends 4K DisplayPort 1.2 & USB KM signals up to 100m using standard Cat.6 network cable
- Supports resolutions up to 3840x2160@60Hz 4:4:4 8bit
- Bi-directional PoC (Power over Cable) functionality for power from a single power supply
- Bi-directional IR & RS-232 control



▶ No. 39375

## 300m FIBRE OPTIC DISPLAYPORT 1.2 & USB KVM EXTENDER

- Extends 4K DisplayPort 1.2 & USB KM signals up to 300m using LC fibre cable
- Supports resolutions up to 3840x2160@60Hz 4:4:4 8bit
- Three USB Type A ports for connecting keyboards, mice & other USB HIDs
- Automatic EDID functionality for seamless compatibility



▶ No. 39376

## From Cat.x to Fibre Optic

Historically, AV and KVM extenders used Cat.x twisted pair cable to connect the transmitter and the receiver.

For short distance applications of less than 150m, Cat.x cable is the ideal solution. It provides easy installation for relatively low cost and supports typically required maximum resolutions.

For longer distances and higher resolution requirements, fibre optic based extension systems have become more prevalent.

With fibre optic based extension systems, it is possible to achieve transmission lengths of several kilometres.



## HDMI KVM EXTENDER RANGE


**50m CAT.6 KVM EXTENDER**  
 HDMI, USB & AUDIO

**100m CAT.6 KVM EXTENDER**  
 HDBaseT, HDMI, DVI, DP, USB

**100m CAT.6 DUAL HEAD KVM EXTENDER**  
 HDMI, USB, IR & RS232, HDBaseT

**300m FIBRE OPTIC HDMI KVM EXTENDER**  
 USB, IR & RS-232

<b>Transmission Distance</b>	Up to 50m via Cat.6 cable	Up to 100m via Cat.6 cable (HDBaseT 2.0)	Up to 100m via Cat.6 cable (HDBaseT 2.0)	Up to 300 m over LC / LC OM3 50/125 duplex fibre optic cable
<b>Bandwidth / Resolution</b>	HDMI 4.95G resolutions up to 1920x1080@60Hz	HDMI 10.2G resolutions up to 4K60 4:2:0	2x HDMI signals up to Full HD resolutions with only one Cat.6 cable	HDMI 18G resolutions up to 4K60 4: 4: 4
<b>Additional Functions</b>	USB (HID), EDID	USB, IR, RS-232, Ethernet, 3.5mm audio and PoC	USB, IR, RS-232, digital & analogue audio	USB, IR, RS-232,
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## DISPLAYPORT KVM EXTENDER RANGE


**100m CAT.6 DP 1.2 KVM EXTENDER**  
 USB, IR & RS232

**300m FIBRE OPTIC DP 1.2 KVM EXTENDER**  
 USB

<b>Transmission Distance</b>	Up to 100m via Cat.6 cable	Up to 300m with LC fibre optic cable
<b>Bandwidth / Resolution</b>	Up to 3840x2160@60Hz 4:4:4 8Bit	Up to 3840x2160@60Hz 4:4:4 8Bit
<b>Additional Functions</b>	2 x USB (HID), IR, RS-232 and PoC	3 x USB (HID)
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