VISION

TC-HDMICAT+ HDMI and USB-over-CAT6 Transmitter and Receiver Set 70 m

Lifetime warranty

4K at 60 Hz with zero latency
Maximum length 70 m
One to one only (not IP)
HDMI loop out
USB 1.1 KVM

During the first-fix stage of installation, you may not always have the opportunity to install a fibre cable for long runs. If you're not the one handling the first-fix, you can instruct an electrician to install a standard CAT6 cable in preparation.

This product allows you to use a standard CAT6A cable instead and offers the added benefit of future-proofing with USB functionality.

60 m Range
Sends HDMI over a CAT6 cable up to 60 metres long. Note the signal cannot be router through an IP network.

4K at 60 Hz
With a video bandwidth of 18 Gbps, this product supports 4:4:4 video with no latency.

HDMI Loop
The transmitter features an HDMI output that connects to a local monitor.

IR Pass-Through
One-way IR ports make controlling a display simple.

Power over Cable
We only provide one power supply, and you can choose to connect it either to the transmitter, or receiver. This makes a big difference when you have limited power sources at one end.

KVM
In addition to transmitting HDMI through the cable, this product also delivers USB 1.1 simultaneously. It's ideal for interactive displays or situations where a PC needs to be located in a separate room from the user.

SPECIFICATIONS

CHASSIS DIMENSIONS
90 x 68 x 22 mm (3.5" x 2.7" x 0.9")

PACKAGED DIMENSIONS
215 x 135 x 75 mm (8.5" x 5.3" x 3.0")

PACKAGED WEIGHT
0.7 kg (1.6 lbs)

PRODUCT WEIGHT
Transmitter 170 g / Receiver 169 g

CONSTRUCTION MATERIAL
Metal

COLOUR
Black

LATENCY
Zero

BANDWIDTH
18 Gbps

RESOLUTION
Up to 4K at 60Hz

HDMI VERSION
2.0b

HDCP VERSION
2.2 with automatic copy function

MAXIMUM CABLE LENGTH
CAT5e: 60 m CAT6/6A/7: 4K 60 Hz 70 m CAT6/6A/7: 4K 30 Hz 80 m

COLOUR SPACE
RGB / YCbCr 4:4:4 YCbCr 4:2:2/4:2:0 YUV 4:4:4

COLOUR SPACE
RGB, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0

AUDIO FORMATS
LPCM up to 7.1, Dolby Digital, Dolby TrueHD, Dolby Digital Plus (DD+)

IR FREQUENCY
20 Hz ~ 60 kHz

ESD PROTECTION
Human body model —±8kV (Air-gap discharge) & ±4kV (Contact discharge)

OPERATING TEMPERATURE RANGE
0℃ - 40 ℃

RELATIVE HUMIDITY
20 ~ 90% RH (non-condensing)

POWER CONSUMPTION
4.2 Watts

POWER SUPPLY
100-240v 50/60Hz AC 12 volt / 1 amp

POWER PLUG TYPE
Interchangeable UK/EU/AU

DC TAIL LENGTH
m

POWER TRANSFORMER DIMENSIONS
x x mm

ACCESSORIES
1 x IR Blaster with m Cable

WARRANTY
Lifetime return-to-base

COMPLIANCES
RoHS, WEEE, CE/EMC, LVD, IEC, FCC, RCM, IC

TRANSMITTER IO
In 1 x HDMI Type A Out 1 x HDMI Type A Out 1 x RJ45 Control 1 x USB-B 1.1 Service Port 1 x Micro USB

COLOUR DEPTH
8/10/12-bit (1080P 60Hz, 4K 30Hz, 4K 60Hz YCbCr 4:2:2/4:2:0) 8-bit (4K 60Hz 4:4:4)

RECEIVER IO
In 1 x RJ45 Out 1 x HDMI Type A Out 1 x Audio 3.5 mm Stereo Minijack Control 2 x USB-A 1.1 Service Port 1 x Micro USB

STORAGE TEMPERATURE RANGE
-20℃ - 60 ℃