



Short Range HDMI Over Cat5 Kit

OVERVIEW

The Short Range HDMI over Cat5 Extender is a solution for extending an HDMI signal up to 50 metres (164 feet) over two Cat5 patch cables. This solution is ideal for applications where an HDMI monitor needs to be placed further than the average 15 metre HDMI cable limitation. Driving an HDMI signal over Cat5 allows for utilisation of the Cat5 cable infrastructure already installed for a cost effective and reliable in-wall installation.

This Short Range HDMI over Cat5 solution is ideal for applications where an HDMI-compatible display is placed in a remote location. This is common in digital signage applications typical in retail stores, classrooms, and boardrooms where a video presentation is in one room, but the source needs to be out of sight and in a safe and secure environment.

With our HDMI over Cat5 Extender, a display can be placed across the room, in another room, or on another floor while the source remains in a convenient location. This solution supports a maximum resolution 1080p and is HDCP™ compatible.

Note: Cat6 cables may also be used for a maximum extension of 40 metres

FEATURES

- Extends an HDMI signal up to 50m (164ft)
- Uses two Cat5 cables to extend the HDMI signal
- Supports EDID (Extended Display Identification Data) pass through

BENEFITS

- Provides the ability to place the HDMI source and display in separate locations beyond the standard 15 metre length limitation
- Saves time and money by using easily installed Cat5 cables or existing Cat5 infrastructure
- Optimises the resolution of content that is sent from source to display

APPLICATIONS

- Single HDMI monitor extension
- Digital signage
- USB 1.1 signal extension



VIDEO CHARACTERISTICS:

| | |
|-----------------------------|--|
| Maximum Video Resolution: | 1080p |
| Maximum Extension Distance: | Cat6 - 1080i - 50m Cat6 - 1080p - 40m Cat5e (solid conductor) - 1080i - 50m Cat5e (solid conductor) - 1080p - 20m Cat5e (stranded conductor) - 1080i - 40m Cat5e (stranded conductor) - 1080p - 16m |

ELECTRICAL CHARACTERISTICS:

| | |
|---------------|-------------------------------------|
| Power Supply: | 12V DC |
| DC Jack: | OD: 5.5mm, ID: 2.1mm, 30~50 μ M |

PHYSICAL CHARACTERISTICS:

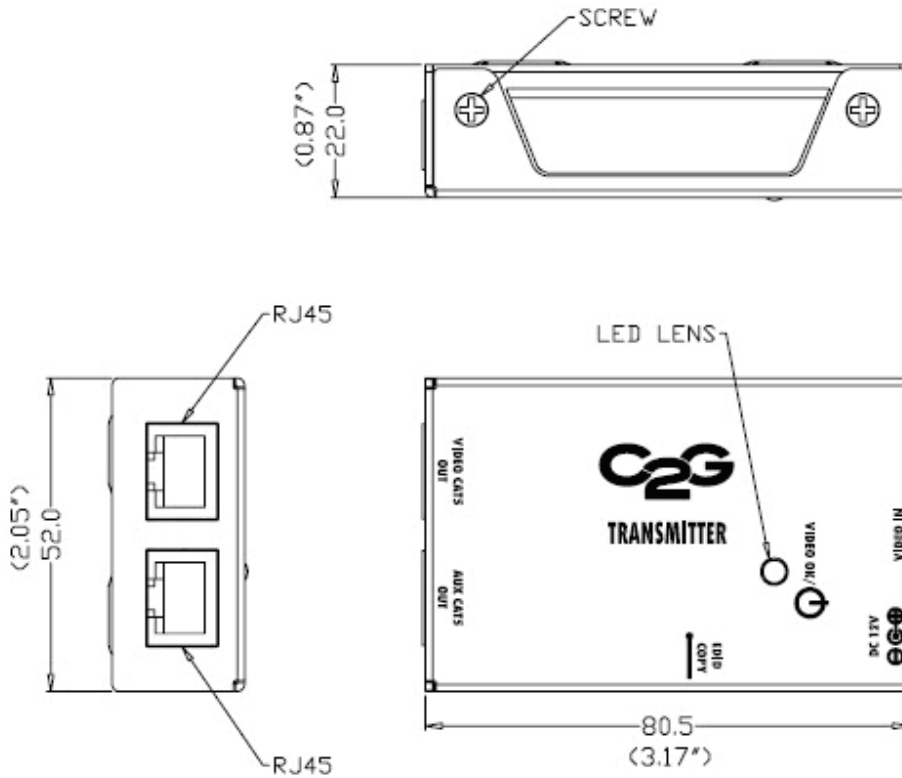
| | |
|------------------------|-----------------------------------|
| Dimensions (HxWxD): | 22 x 51 x 80mm |
| Operating Temperature: | 0~40°C, 0~80% RH (Non-condensing) |
| Storage Temperature: | 0~40°C, 0~80% RH (Non-condensing) |
| Enclosure: | Metal |

POWER ADAPTER SPECIFICATIONS:

| | |
|----------------------|----------------------------|
| Input: | 100~240 VAC, 50~60Hz, 0.6A |
| Output: | 12 VDC, 1.5A |
| Cable Length: | 1530 \pm 100mm |
| Pin Diameter: | OD: 5.5mm, ID: 2.1mm |
| Center Pin Polarity: | Positive |



PRODUCT DRAWINGS:



| ITEM | DESCRIPTION |
|-------|----------------------------|
| 89043 | Short Range HDMI Over Cat5 |

