

TECHNICAL MARKETING DOCUMENT



Short Range HDMI Over Cat5 Kit

OVERVIEW

The Short Range HDMI over Cat5 Extender Kit is an ideal solution for extending HDMI audio/video signals beyond the typical 50 foot length limitation of a HDMI cable. This solution is able to extend HDMI up to 160 feet and requires the use of two Cat5 cables. Auto equalization makes installation easy, regardless of the length of the Cat5 cables used. Simply make the HDMI and Cat5 cable connections and the transmitter and receiver will automatically adjust to optimize the video for the length of cable used. EDID pass through is supported to ensure that content is sent at the optimal resolution for the display. HDCP is supported—allowing protected content to be passed through this extension solution. The maximum resolution supported will vary depending upon the type and length of the Cat 5 cable used.

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
- Features auto equalization

BENEFITS

- Provides the ability to place the HDMI source and display in separate locations beyond the standard 15 meter length limitation
- Saves time and money by using easily installed Cat5 cables or existing Cat5 infrastructure
- Optimizes the resolution of the content that is sent from source to display
- Enables the best equalization for every setup

APPLICATIONS

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

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VIDEO CHARACTERISTICS:

Maximum Video Resolution	1080p
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

PHYSICAL CHARACTERISTICS:

Dimensions (HxWxD):	0.8 x 2.0 x 3.1 in
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:

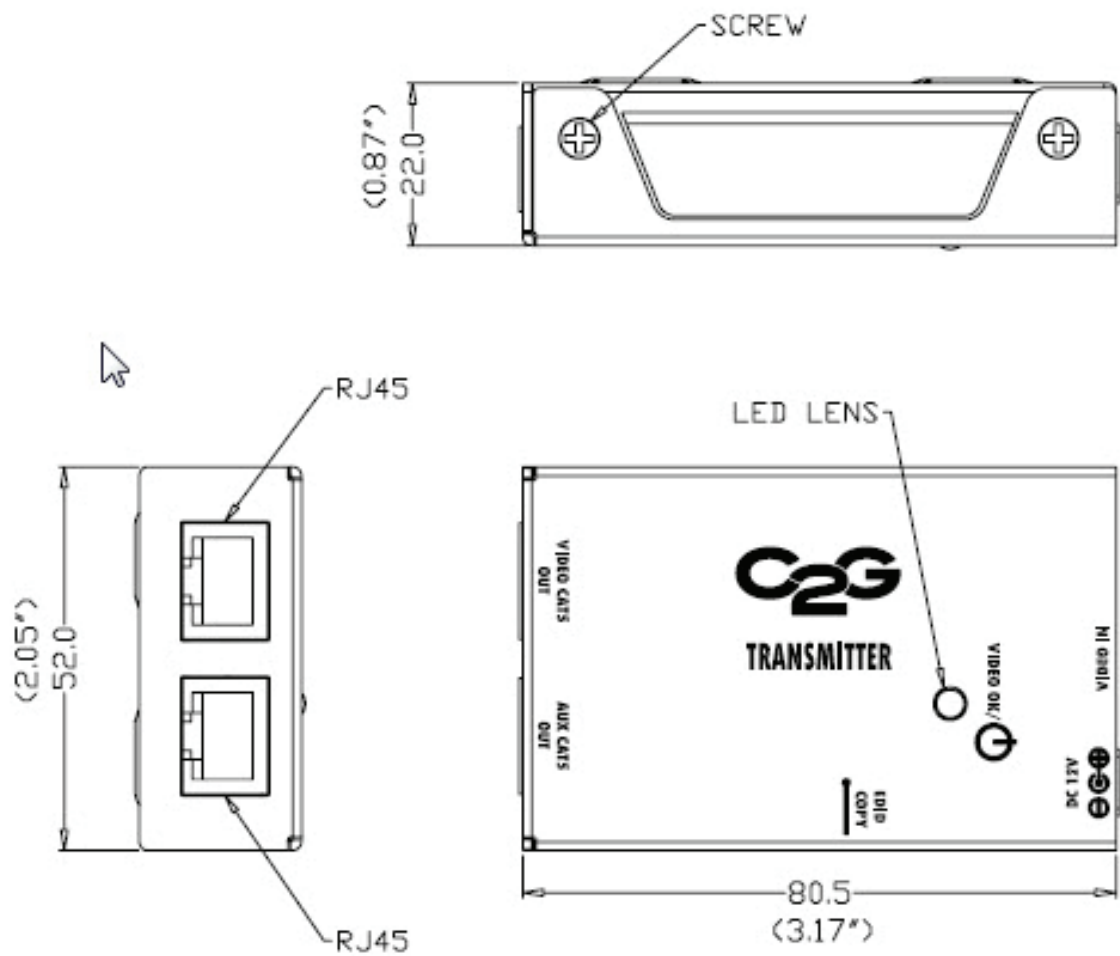
Input:	100~240 VAC, 50~60Hz, 0.6A
Output:	12 VDC, 1.5A
Cable Length:	5 feet
Pin Diameter:	OD: 5.5mm, ID: 2.1mm
Center Pin Polarity:	Positive

KIT CONTENTS:

Transmitter
Receiver

SPECIFICATIONS:
Short Range HDMI Over Cat5 Kit

PRODUCT DRAWINGS:



ITEM	DESCRIPTION
29298	Short Range HDMI Over Cat5 Extender Kit



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