



GO THE DISTANCE WITH INFINEA™ HD1-LX

HD1-LX is an HDMI extension product that utilizes a single Cat5/6 cable, and now sends 1080p up to 328ft/100m – further than any other in the Infinea Series. HD1-LX is fully HDCP-compliant and capable of extending uncompressed 1080p video, audio, IR and Bi-directional RS 232 to 328ft/100m allowing commands and data to flow in both directions. The distance reach and use of inexpensive, easy to terminate UTP cable makes this product an obvious choice for HDMI extension whether it's a Blu-Ray player, cable/set-top box

or a PC with an HDMI output. Such distances are virtually impossible to replicate using specially constructed HDMI cables, which, even at short distances, deteriorate image quality, are

HDMI GOES THE DISTANCE WITH HD1-LX

extremely difficult to terminate in the field and carry a high cost factor. The HD1-LX delivers significant value for both commercial and residential applications.



CONNECT WITH CONFIDENCESM

THE EXTENSION YOU NEED INFINEA™ HD1-LX



Infinea HD1-LX Transmitter and Receiver

KEY FEATURES

- HDMI 1.3 and HDCP compliant
- Uncompressed HD video up to 1080p @ 60Hz to 328ft/100m
- Single cable required to remotely send video, audio, serial and HDCP signals
- Bi-directional RS232 interface
- Bi-directional IR functionality / 2 sets of emitter/receiver cables included
- Audio transmission supports Doby TrueHD, DTS-HD MA

TRANSMITTER / RECEIVER SPECIFICATIONS

Supported Video: HDMI/DVI Video Modes, including standard formats @ 60Hz:640x480, 800x600, 1024x768, 1152x864,1280x768, 1280x960, 1280x1024, 1360x760, 1366x768, 1600x1200,1680x1050, and HDTV: 480p,720p,1080i, and 1080p.

Video In: HDMI Type A (Transmitter)

Video Out: HDMI Type A (Receiver)

Audio In/Out: Embedded with video signal

UTP In/Out: RJ45 Connector

Required Cable: High quality CAT5e, Cat6, CAT6a, CAT7, UTP / STP or FTP

Resolution: Up to 1080p / 60Hz / 48 bit / 3D Capable

Distance: 328 ft / 100 meters

RS-232 Baud Rate: Up to 115200bps / Full Duplex

RS-232 Connector: DB9 Female / DB9 Male

IR Carrier: 38Khz / 10o C / 5M / 2 Way

Power: Regulated 5V / 2A

Consumption: 600mA(max) / 1200mA(max)

Dimensions: 5.1" x 3.5" x 1.2" (13 cm x 8.8 cm x 3 cm) each unit

Weight: 0.61 lb (0.28 kg)

Humidity Tolerance: Up to 95% non-condensing

Operating Temperature: 0 to 55o C

Storage Temperature: -20 to 85o C

Warranty: 3 years

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