



HDMI Over IP Brochure

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CALRAD
Electronics

For technical assistance
call: 323-465-2131

Part No. **40-300**
HDMI 1080P
over IP with
(64 Channels)

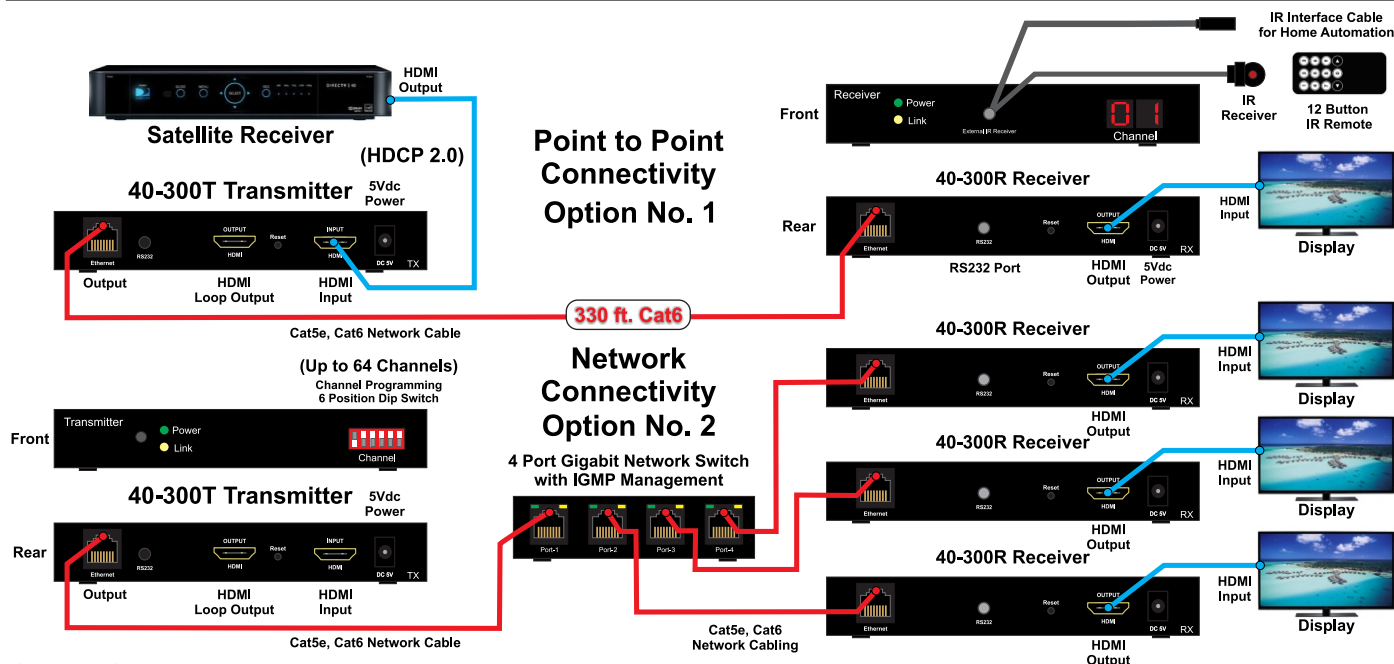


Features \ Technology

For all the latest product information visit our website at: www.calrad.com

The Calrad **40-300** series HDMI over IP provides 1080P HD video signals over UTP network cabling. Many configurations are possible, 1.) Between a single transmitter and receiver directly without a network switch. 2.) Use multiple transmitters and receivers over an existing or separate network to create a small to large scaleable video distribution system. Up to 56 channels are possible. Using standard network switches can be used with existing networks and internet, if more than 3 transmitters are used on a 100Mb system, it is advisable to use specific 1Gb IGMP network switches to manage the signal bandwidth properly for new or existing installations. Transmitter ID addresses are easily selectable using the front panel 6 position dip switch. Receiver channel addresses are accessible by using a 12 button credit card size remote control only, to change channel addresses. Use the up down keys or direct channel address keys 0-9 to change to the desired channel. Two interface adapter cables are included for 3rd party home automation control. A full duplex bi-directional RS232 port is available for easy serial communication between devices. Easily create a virtual matrix switcher over IP with unlimited possibilities. A HDMI signal loop-output on the Transmitter is provided for continuous signal transmission to other devices. For additional information, visit our website at: www.calrad.com.

Typical Hookup (Unlimited Connectivity Options)



Specifications

HDMI Video Resolution: 480P, 720P, 1080i, 1080P, **HDCP Compliant:** V1.3, V1.4
Video Encoding: H.264 which significantly reduces the bandwidth usage but maintains high video quality.
UTP Cable Distance: 330 ft. (Cat5e, Cat6) Distances will vary depending on the type of cabling used.
Signal Latency: >200ms
Audio Format: PCM 2 channel Audio
RS232: Supports Bi-Directional Transmission, 2400-115200 Baud
IR Frequency: 38-60Khz
IR Connectivity: 1 x IR Receiver, 1 X 40-IRC Adapter
IR Remote Control: 12 Button credit Card Remote, **Battery:** CR2032
Reset Button (Transmitter, Receiver): Resets Power
Transmitter Connectors: 2 x HDMI Jacks, 2.5mm DC Coax Jack, 1 x RJ45
Receiver Connectors: 1 x HDMI Jacks, 2.5mm DC Coax Jack, 1 x RJ45
Power Requirements: 5Vdc, 2Amp
L.E.D. Indicators: Network Connectivity Link (Yellow), Power-HDMI Signal (Green)
Size: Transmitter (L-6.0" x W-3.0" x H-1.2"), **Receiver:** (L-6" x W-4" x H-1.2") **Color:** Black

Package Contents

1 x 40-300T, Transmitter
1 x 40-300R, Receiver
1 x External IR Receiver
1 x RS232 Interface Cable
1 x 40-IRCS Adapter Cable
2 x 5Vdc-2A Power Supplies

40-300-08182017-WB