

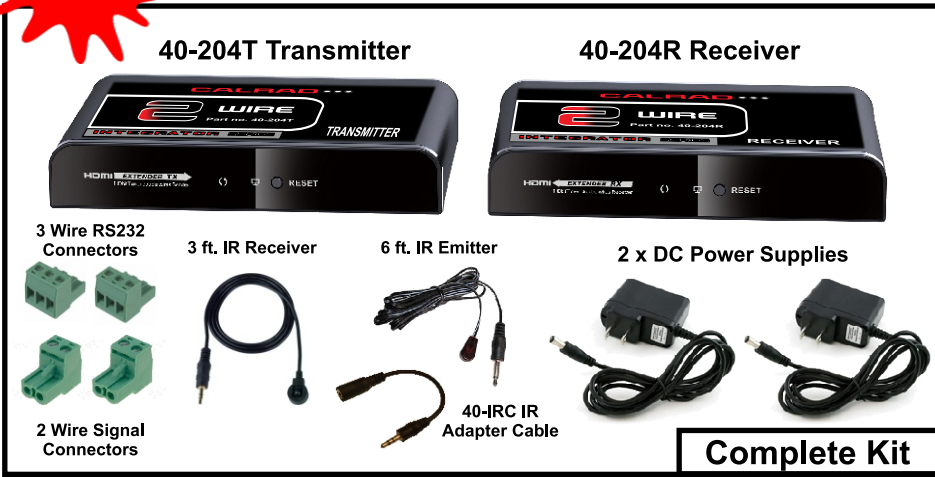


# HDMI 2 Wire System Brochure/Instructions



For technical assistance  
call: 323-465-2131

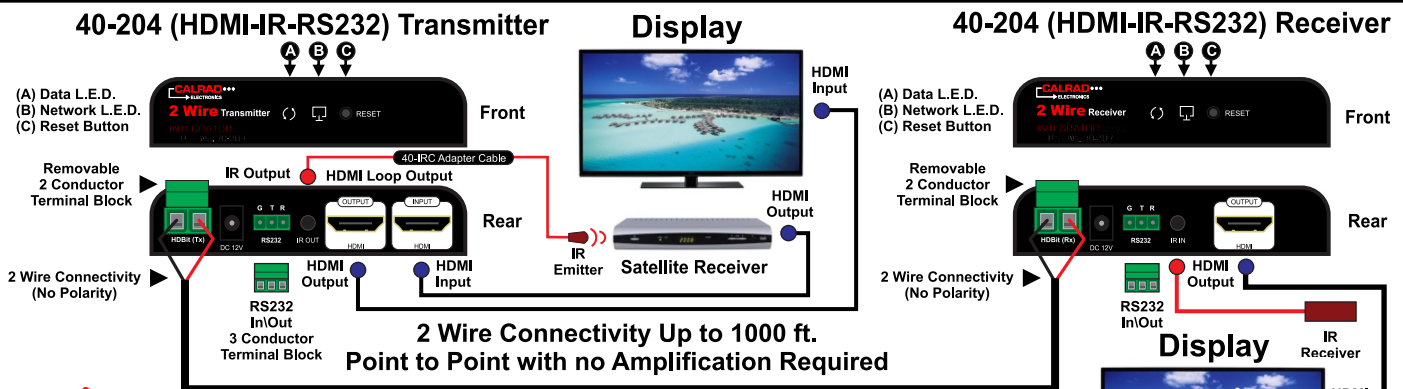
## Part No. 40-204 HDMI 1080P Over Any 2 Conductor Cable



### Features \ Technology For all the latest product information visit our website at: [www.calrad.com](http://www.calrad.com)

The Calrad 40-204 HDTV transmitter and receiver hardware delivery system provides many useful features and options to send up to 1080P video, IR and RS232 control signals together over 2 wires. Our high speed balanced circuitry design for signal delivery is not polarity sensitive and can be wired terminal to terminal or reversed. A HDMI loop output is provided on the transmitter, eliminating the need for a separate HDMI splitter to allow the signal to pass on to 3rd party hardware. Easily send RS232 signals bi-directionally using a 3 position removable terminal block, that can be wired for one way or two way, (Full Duplex) communication. Many different types of cabling can be used to communicate between the transmitter and receiver providing a lot of flexibility solving complicated wiring issues for each type of installation. New or legacy wiring is possible without the worry of shielded or unshielded cables. Signals can easily be sent over **Cat3, Cat5e, Cat6, RG59, RG6, Telephone Cable; Audio-Video Cable; Speaker Cable; Alarm Cable; Low voltage power cable.** Reliable signal transmission up to 1,000 ft., signal length may vary based on the quality and wire gauge of the cable used. A single transmitter can send signals to 4 separate receivers using part number 40-206 4 way 2 wire splitter. Check out our new MagWire miniature 2 conductor 45 gauge cable that is available in various lengths and provides unique problem solving solutions for running this cable. For further information on Calrads 40-204, 40-206 hardware and the 2 conductor Magwire products, visit our website at [www.calrad.com](http://www.calrad.com).

### Typical Hookup (Problem Solving Technology) Use a single pair of Cat5e or Cat6 wiring for 1080p video



Use Standard Cat3, Cat5e, Cat6, RG59, RG6, Telephone Cable  
Audio-Video Cable, Speaker Cable, Alarm Cable

## Calrad MagWire

#44 Gauge Twisted Pair Wire, .028" Diameter



2 Conductor

Run cabling in drywall, behind existing baseboards, crown molding,  
under carpeting, in grout lines of tile flooring, under wood floors

2 Conductor

### MagWire Part Numbers

- 55-1080-25, 25 ft.
- 55-1080-50, 50 ft.
- 55-1080-75, 75 ft.

### Specifications

- HDMI Video Resolution:** 480i, 480p, 720p, 720p, 1080i, 1080p
- Distance:** 1,000 ft. (Cat6 Cable) Distances will vary depending on the type of cabling used
- Signal Latency:** 200ms
- Audio Format:** PCM Audio
- RS232:** Supports Bi-Directional Transmission, 2400-115200 baud
- IR Frequency:** 38-60Khz
- IR Connectivity:** 1 x IR Receiver, 1 x IR Emitter, 1 X 40-IRC Adapter
- Reset button:** Resets Power
- Power Requirements:** 12Vdc, 1Amp
- L.E.D. Indicators:** Data (Yellow), Network (Green)
- Size:** L-5.125" x W-3.46" x H-.96", **Color:** Black

### Optional 40-206 HD-Bit 4 Way Splitter



### Package Contents

- 1 x 40-204T, Transmitter
- 1 x 40-204R, Receiver
- 1 x IR Receiver
- 1 x IR Emitter
- 1 x 40-IRC Adapter Cable
- 2 x 12Vdc-1A Power Supplies

40-204-04252017-WB