

# HD-COAX

HD-COAX Matrix, HDMI®,  
1080P60 over coax

## Features

- High quality video up to 1080P60
- Compatible with HDCP sources
- Extend 1080P60 up to 500 meters on RG6 (75 Ohm) cabling
- Switch up to 72 channels
- Use 75 Ohm CATV splitters and cabling to build network
- Excellent shielding for isolation and protection against RFI
- One to one, one to many and many to many configurations
- Loop out on Tx for local monitor



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HD-COAX Matrix is designed to convert, extend and switch high definition HDMI® over 75 Ohm RF coax cabling. Easily build up to 72 channels HD-COAX Matrix by using existing coax cable and splitters with minimal set up. HD-COAX Matrix distributes high quality 1080P60 video with embedded audio in one to one, one to many and many to many configurations. Switch between any of the 72 channels by simply using the up and down buttons on the HDR-COAX receiver or by using the provided IR remote.



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Video Specifications	
Input/Output	HDMI 1.3
Input Resolution	480i@60Hz 480p@60Hz 576i@50Hz 576p@50Hz, 720p@50/60Hz 1080i@50/60Hz 1080p@50/60Hz
HDCP Compliance	1.2
Encoding	H.264
Delay	< 25ms
Connections	HDMI In on Tx HDMI loop out Tx HDMI out Rx
Audio Specifications	
HDMI	Embedded digital audio
Encoding	MPEG2

Coax Specifications	
Impedance	75 Ohm
Connector	F
Tx RF Power Out	40 dBmV
Rx RF Power In	-25 dBmV
Mechanical Specifications	
Enclosure	Stand-alone
Dimensions	Tx: 6.69" x 7.08" x 1.25" Rx: 4.8" x 3.15" x 1.12"
Weight	Tx: 1.06 lbs Rx: 0.5 lbs
Power Specifications	
Power Supply	12VDC@1A
Environmental Specifications	
Operating Temp	0 to 55C
Storage Temp	-40 to 80C



Models	Description
HDT-COAX	Coax transmitter, Up to 1080P60 in, HDMI® in, HDMI® loop out, 75 Ohm F connector, Stand-alone, 12VDC@1A power adapter included
HDR-COAX	Coax receiver, Up to 1080P60 out, HDMI® out, 75 Ohm F connector, Stand-alone, 12VDC@1A power adapter and remote control included

