

DIGI-HD-COAX2 Technical Specification

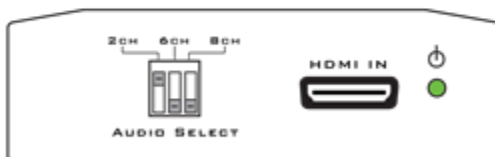
HDMI over Coaxial Cable Transmitter

Rev. 130208

The Intelix DIGI-HD-COAX2 is an AV transport system that allows HDMI with multi-channel audio to be distributed using a single 75Ω coaxial cable. The transmitter features selectable EDID presets to allow for stereo, 5.1, or 7.1 audio systems, and dual outputs. The receiver features a loop out to allow the signal to be daisy-chained up to 7 receivers.

The DIGI-HD-COAX2-S includes a coaxial cable transmitter, mounting brackets, and a power supply. The DIGI-HD-COAX2-R includes a coaxial cable receiver, mounting brackets, and a power supply.

DIGI-HD-COAX2-S



DIGI-HD-COAX2-R



Technical Specifications	
I/O Connections (DIGI-HD-COAX2-S)	
HDMI Input	One (1) HDMI Type A
Coaxial Cable Output	Two (2) Female BNC
Power Input	One (1) 5.5mm outer / 2.1mm inner diameter coaxial power connector
I/O Connections (DIGI-HD-COAX2-R)	
Coaxial Cable Input	One (1) Female BNC
HDMI Output	One (1) HDMI Type A
Coaxial Cable Output (Loop Out)	One (1) Female BNC
Power Input	One (1) 5.5mm outer / 2.1mm inner diameter coaxial power connector
Supported Audio and Video	
Supported Video Resolutions	720p, 1080i, 1080p60, 1080p24
Supported Audio	PCM 2ch @ 48 kHz (2.0), PCM 6ch @ 48 kHz (5.1), PCM 8ch @ 48 kHz (7.1)
Output Video Color	YCbCr 4:2:2
Compliance	HDCP
Maximum Distance per Linked Unit (RG6)	1080p: 300 feet (91 m); 1080i/720p: 650 feet (198 m)
Maximum Distance per Linked Unit (RG59)	1080p: 250 feet (76 m); 1080i/720p: 500 feet (152 m)
Maximum Links from Transmitter	7
Extender Signal Characteristics	
Video Amplifier Bandwidth	10.4 Gbps
Chassis and Environmental	
Enclosure	Painted steel (silver)
Dimensions	111mm x 76mm x 24mm (4.37" x 3" x 0.95")
Operating Temperature Range	0 to 40°C (32 to 104°F)
Operating Humidity Range	10 to 85% non-condensing
Shipping Weight	0.66 kg (1.45 lbs.)
Power, ESD, and Regulatory	
Maximum Power Consumption	5 watts
Power	5vDC / 2A
Regulatory	CE, RoHS
ESD Protection	15kV
Other	
Compatible Receiver (COAX2-S)	DIGI-HD-COAX2-R
Compatible Transmitter (COAX2-R)	DIGI-HD-COAX2-S
Diagnostic Indicators	Power LED
Warranty	2 years
What's in the Box	DIGI-HD-COAX2-Series extender, mounting brackets, US power supply, Installation Guide