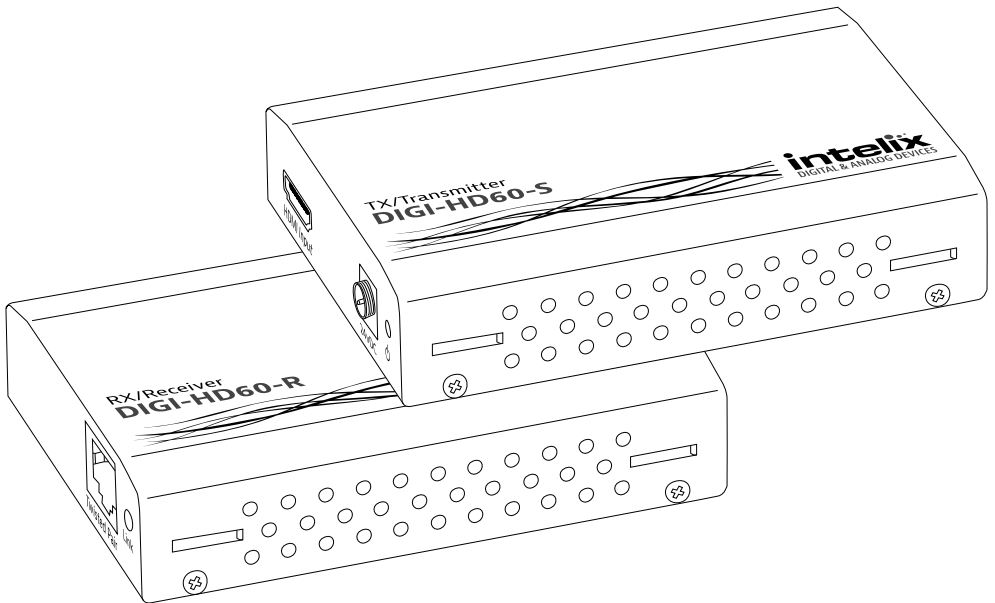


intelix

DIGITAL & ANALOG DEVICES

DIGI-HD60 Installation Guide



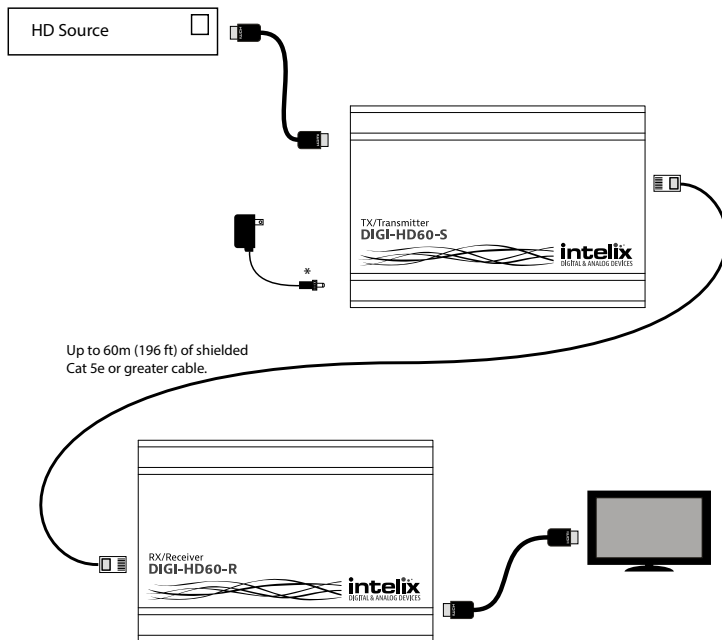
Important notice:

- Do not attempt to disassemble or alter the extender housing. There are no user-serviceable parts inside the unit. Doing so will void your warranty.
- To minimize the possibility of equipment damage from electrostatic discharge (ESD), all source and destination equipment must be powered off during installation.
- Do not connect the extender to a telecommunication outlet wired to unrelated equipment. Doing so may damage the unit or any connected equipment. Ensure all connected twisted pair cabling is straight-through (point-to-point).
- Allow proper ventilation to reduce the risk of thermal failure.

The Intelix DIGI-HD60 extends HDMI over a single cable by incorporating HDBaseT technology. The DIGI-HD60 supports a 1080p video signal including multichannel audio up to 60m, as well as 3D and 4K x 2K signals up to 35m. Built-in surge protection and diagnostic LEDs ensure hassle-free and robust installations. Flexible power design allows the units to be powered at either the TX or RX end, and only one power supply is required. The power supply (PS-24D-25) is sold separately.

The DIGI-HD60 series extenders are compatible with all Intelix HDBaseT product offerings and any product that meets the HDBaseT specifications.

Example Diagram



* Power supply (PS-24D-25) can be connected on either end and is sold separately.

Diagnostic LEDs:

The DIGI-HD60 provides two LEDs to indicate the current operating status and to assist troubleshooting an installation.

Power: Solid, the DIGI-HD60 extender is receiving power from the power supply or from the remote extender via shielded Category 5e or greater cabling.

Link: Solid, the two DIGI-HD60 extenders are communicating via shielded Category 5e or greater cabling.

Instructions

The following instructions describe the installation process for a point-to-point installation. The procedure is similar for compatible HDBaseT components. In the event a compatible HDBaseT product cannot provide power over the HDBaseT cable connection, the DIGI-HD60 product will require a local power supply.

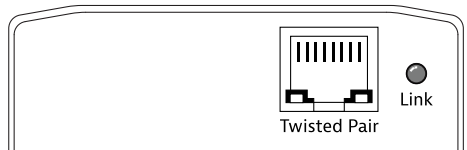
1. If the extenders are going to be permanently mounted to a surface, Intelix encourages utilizing the DIGI-PMK1 mounting bracket.
2. Turn off power and disconnect the audio/video equipment by following the manufacturer's instructions.
3. Connect shielded Category 5e or greater twisted pair cable with RJ45 connectors between the transmitter (DIGI-HD60-S) and the receiver (DIGI-HD60-R). TIA/EIA-568B straight-through wiring connections must be used with all HDBaseT extenders.
4. Connect an HDMI cable between the display and the receiver (DIGI-HD60-R).
5. Connect an HDMI cable between the source and the transmitter (DIGI-HD60-S).
6. Connect the power supply (PS-24D-25, sold separately) to the transmitter or receiver and lock the power supply to the power connector by twisting the locking collar clockwise.
7. Power on attached audio/video devices.

DIGI-HD60-S Connections

HDMI Input and Power

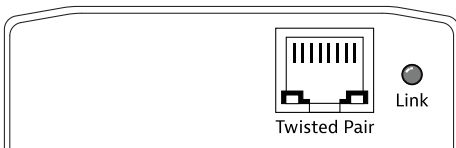


HDBaseT Output

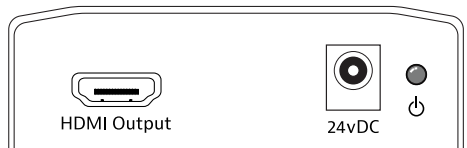


DIGI-HD60-R Connections

HDBaseT Input



HDMI Output and Power



Technical Specifications	
Supported Audio, Video, and Control	
Maximum Video Compatibility at 60 m	Deep Color 36/30/24 Bit at 1080p
Maximum Video Compatibility at 35 m	Deep Color 48 Bit at 1080p, 3D, and 4k x 2k
Video Compliance	HDMI, HDCP, and CEC (Consumer Electronics Control)
Embedded Audio	Up to PCM 8 channel, Dolby Digital TrueHD, and DTS-HD Master Audio
HDBaseT Signal Characteristics	
Maximum Distance	60 m
Cable Requirements	Solid core shielded Category 5e, Category 6 or greater with TIA/EIA-568B crimp pattern
Bandwidth	10.2 Gbps
Chassis and Environmental	
Dimensions	110mm x 76mm x 24mm (4.33 in x 2.99 in x 0.95 in)
Operating Temperature (Environment)	0° to +40° C (+32° to +104° F)
Operating Temperature (Chassis)	31° C (88° F) (S); 38° C (100° F) (R)
Operating Humidity (Environment)	20% to 90%, Non-condensing
Power, ESD and Regulatory	
Maximum Power Consumption	22 watts
ESD Protection	15 kV
Regulatory	CE, RoHS
Other	
Standard Warranty	2 Years
Included Items	Installation Guide, Mounting Brackets (2 ea), Mounting Screws (4 ea)
DIGI-HD60-S Compatible Receivers	
AV Only	FLX-BI4,
AV and PoE	DIGI-HD60-R, DIGI-HDX-R
DIGI-HD60-R Compatible Transmitters	
AV Only	FLX-BO4A, DIGI-44B, DIGI-88B, DIGI-P123
AV and PoE	DIGI-HD60-S, DIGI-HDX-S, ASW-WP, FLX-44, DIGI-P52
Accessories	
Power Supply	PS-24D-25
Mounting Kit	DIGI-PMK1

Complete Technical Specifications can be found on Intelix.com.

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