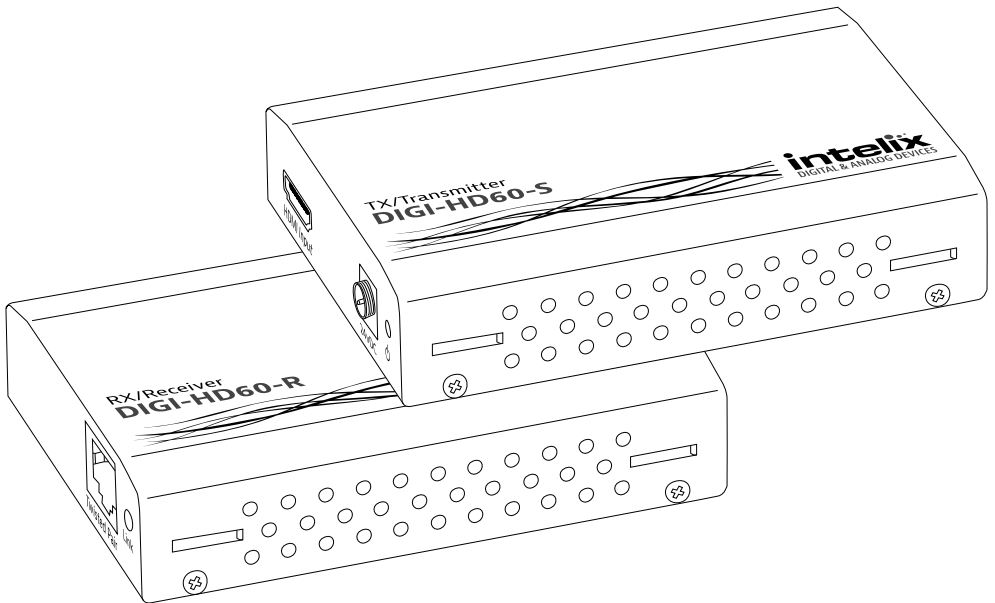


# intelix

DIGITAL & ANALOG DEVICES

## DIGI-HD60 Installation Guide



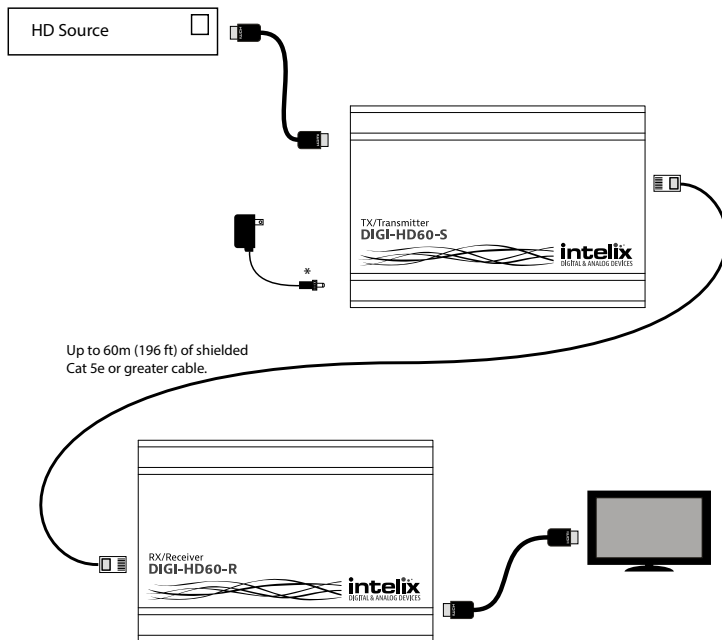
### Important notice:

- 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 HDCP and 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 (PS-24D-25) 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.

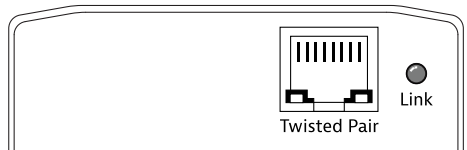
1. If the extenders are going to be permanently mounted to a surface, Intelix encourages utilizing the DIGI-PMK1 mounting bracket.
2. Turn off power and disconnect the audio/video equipment by following the manufacturer's instructions.
3. Connect shielded Category 5e or greater twisted pair cable with 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

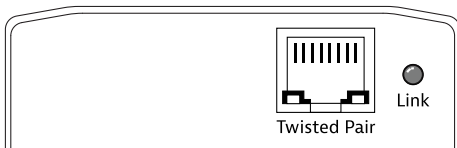


### HDBaseT Output

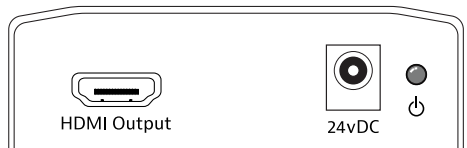


## DIGI-HD60-R Connections

### HDBaseT Input



### HDMI Output and Power



Technical Specifications	
<b>Supported Audio, Video, and Control</b>	
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 (UHD)
Video Compliance	HDMI, HDCP 2.2, and CEC (Consumer Electronics Control)
Embedded Audio	Up to PCM 8 channel, Dolby Digital TrueHD, and DTS-HD Master Audio
<b>HDBaseT Signal Characteristics</b>	
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
<b>Chassis and Environmental</b>	
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
<b>Power, ESD and Regulatory</b>	
Maximum Power Consumption	22 watts
ESD Protection	15 kV
Regulatory	CE, RoHS
<b>Other</b>	
Standard Warranty	2 Years
Included Items	Installation Guide, Mounting Brackets (2 ea), Mounting Screws (4 ea)
<b>DIGI-HD60-S Compatible Receivers</b>	
AV Only	FLX-BI4,
AV and PoE	DIGI-HD60-R, DIGI-HDX-R
<b>DIGI-HD60-R Compatible Transmitters</b>	
AV Only	FLX-B04A, DIGI-44B, DIGI-88B, DIGI-P123
AV and PoE	DIGI-HD60-S, DIGI-HDX-S, ASW-WP, FLX-44, DIGI-P52
<b>Accessories</b>	
Power Supply	PS-24D-25
Mounting Kit	DIGI-PMK1

Complete Technical Specifications can be found on [Intelix.com](http://Intelix.com).

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