

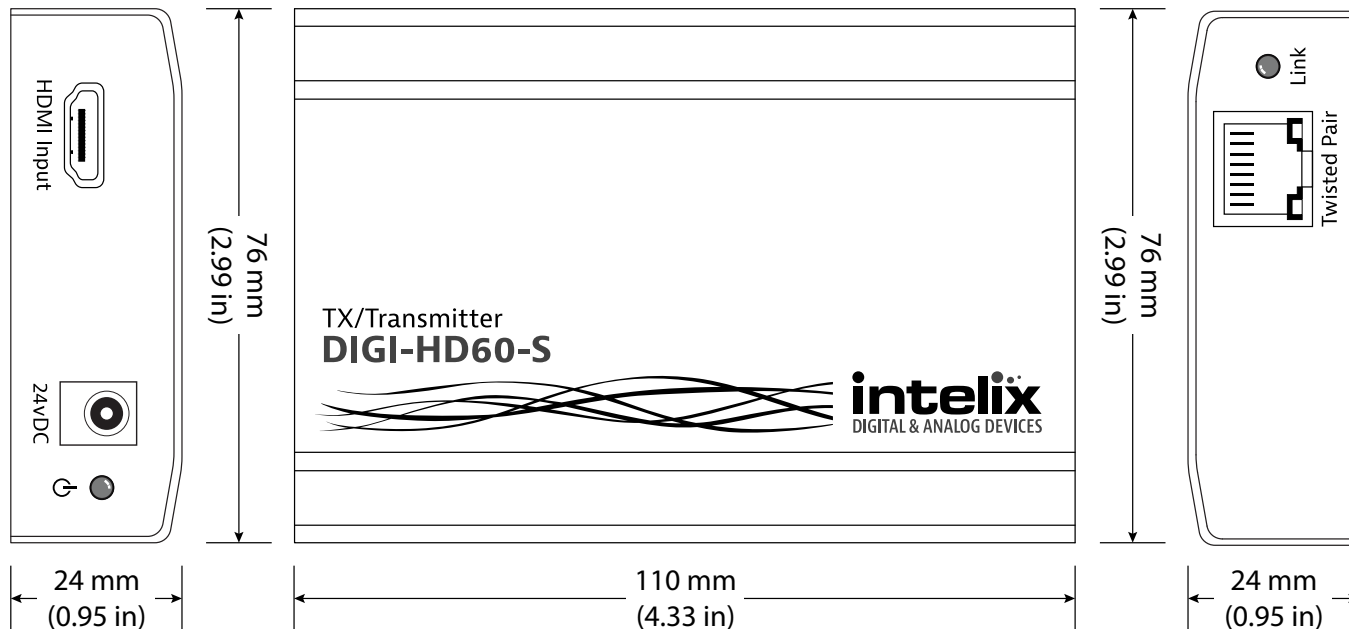
## DIGI-HD60-S Technical Specifications

60m HDMI with Flexible Power Transmitter Using HDBaseT

Rev 150421

The Intelix DIGI-HD60-S extends HDMI over a single cable by incorporating HDBaseT technology. The DIGI-HD60-S supports a 1080p video signal, including HDCP 2.2 and multichannel audio, up to 60m, as well as 3D and 4K x 2K (UHD) 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.



|                                       |   |
|---------------------------------------|---|
| <b>Input/Output Connections</b>       |   |
| HDMI                                  | One (1) HDMI Type A Receptacle  |
| Twisted Pair                          | One (1) 8P8C port (Shielded RJ45)   |
| 24V DC Power                          | One (1) 5.5 mm Outside Diameter, 2.1 mm Inside Diameter Barrel (Locking)  |
| <b>Supported Audio and Video</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) up to 30 Hz: RGB, YCbCr 4:4:4, YCbCr 4:2:2; up to 60 Hz: YCbCr 4:2:0                                |
| Supported 3D Formats                  | Field Alternative (interlaced), Frame Packing, Line Alternative Full, Side-By-Side Half, Side-By-Side Full, 2D + Depth, 2D + Depth + Graphics + Depth |
| 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  |
| Input DDC Signal                      | 5.0 volts p-p (TTL)   |
| Input Video Signal                    | 0.5 to 1.0 volts p-p  |
| <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   |
| Gain                                  | 0 dB – 10 dB at 100 MHz   |
| Signal to Noise Ratio (SNR)           | > 70 dB at 100 MHz over 100 m   |
| Return Loss                           | < -30 dB at 5 KHz   |
| Total Harmonic Distortion (THD)       | < 0.005% at 1 KHz   |
| Min-Max Signal Level                  | < 0.3 V – 1.45 Vp-p   |
| Differential Phase Error              | ±10° at 135 MHz over 100 m  |
| <b>Chassis and Environmental</b>      |   |
| Enclosure                             | Painted steel   |
| Dimensions                            | 110mm x 76mm x 24mm (4.33 in. x 2.99 in. x 0.95 in.)  |
| Shipping Weight                       | 0.5 kg (1.1 lbs.)   |
| 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  |
| Storage Temperature (Environment)     | -10° to +60° C (+14° to +140° F)  |
| Storage Humidity (Environment)        | 20% to 90%, Non-condensing  |
| <b>Power, ESD, and Regulatory</b>     |   |
| PoE Standard to extender              | 802.3af   |
| Maximum Power Consumption             | 8 watts   |
| Power Supply (Not Included)           | 24V DC / 1.5 Amp  |
| ESD Protection                        | 15kV  |
| Regulatory                            | CE, RoHS  |
| <b>Other</b>                          |   |
| Standard Warranty                     | 2 years   |
| Diagnostic Indicators                 | Link and power LEDs   |
| Included Accessories                  | Installation Guide  |
| Compatible Receivers (AV only)        | FLX-BI4   |
| Compatible Receivers (AV and PoE)     | DIGI-HD60-R, DIGI-HDX-R   |
| <b>Accessories</b>                    |   |
| Power Supply                          | PS-24D-25   |
| Universal Mounting Bracket            | DIGI-PMK1   |

Distances and picture quality may be affected by cable grade, cable quality, source and destination equipment, RF and electrical interference, and cable patches.