

DIGI-HDE Installation Manual

Transmitter



Receiver



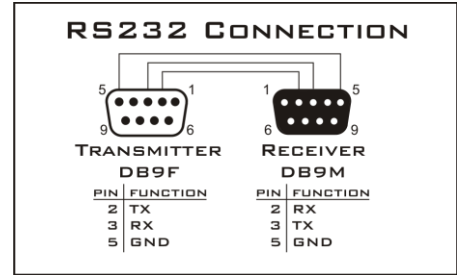
The Intelix **DIGI-HDE** extends HDMI, Ethernet, bi-directional IR and bi-directional RS232 over a single twisted pair cable. The **DIGI-HDE** supports 1080p, 2k, 4k, and 3D video up to 100m.

Built-in surge protection and diagnostic LEDs ensure hassle-free and robust installations. The DIGI-HDE incorporates HDBaseT technology.

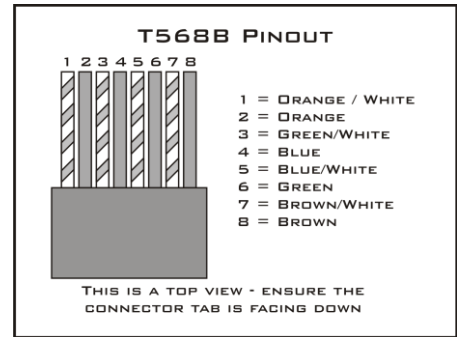
Instructions

1. Turn off power and disconnect the audio/video equipment by following the manufacturer's instructions.
2. Connect twisted pair cable between the transmitter (DIGI-HDE-S) and the receiver (DIGI-HDE-R). (ensure T568B straight-thru wiring).
3. Connect required control cables. (IR/RS232/Ethernet)
4. Connect HDMI cables between the display and the receiver (DIGI-HDE-R).
5. Connect HDMI cables between the source and the transmitter (DIGI-HDE-S).
6. Connect the included power supplies to the transmitter and receiver.
7. Power on attached audio/video devices.

Serial Communication Wiring - RS232 connection between send and receive is straight-through.



Twisted Pair Wiring - Use T568B wiring for Cat5e/6 connection between send and receive units.



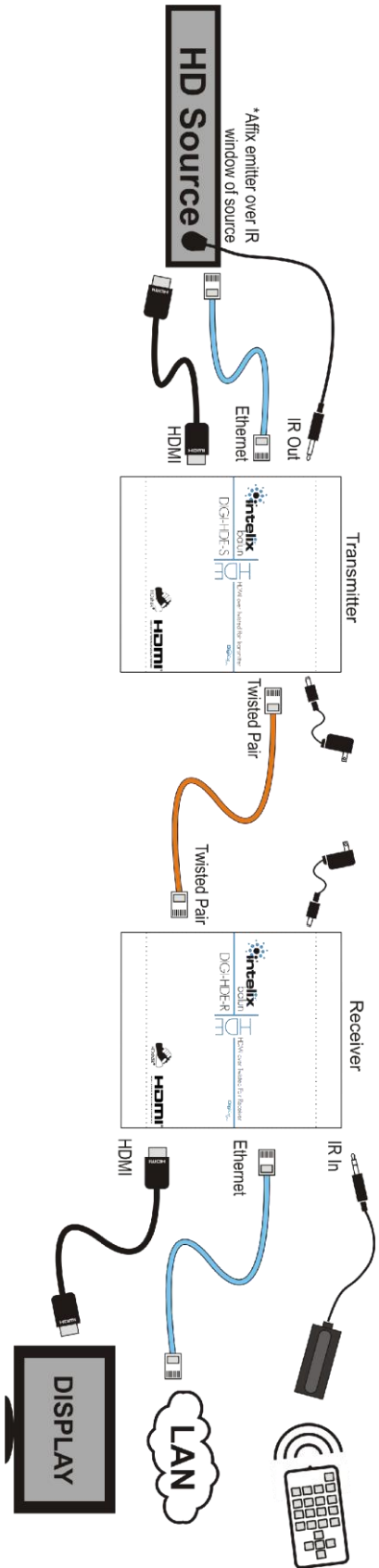
Important notice:

- 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.

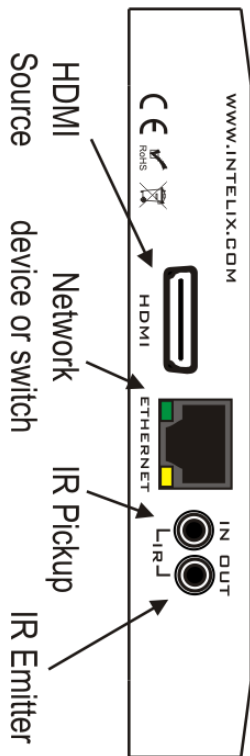
Troubleshooting

Symptom	Possible Solutions
No signal Status LED is off	Verify that both ends of the twisted pair cables use T568B crimp pattern. Verify HDMI cables and source and destination HDMI ports are operational.
No signal	Verify the power supplies are connected to both the send and receive baluns. Verify the power LEDs on both the send and receive units are brightly illuminated.
Unusual colors in the video	Power off the destination device and power it back on to force renegotiation. Unplug and re-plug the HDMI cable from receive to force renegotiation.

QUICK START DIAGRAM



Transmitter



Receiver

