

Intelix DIGI-VGASD-IREMT

Installation Manual



Introduction

Intelix DIGI-VGASD-IREMT emitters are used to hardwire IR from your Intelix DIGI-VGASD series twisted pair extender to your audio/video hardware. DIGI-VGASD-IREMT emitters ensure full compatibility with Intelix twisted pair extenders, as well as the highest level of IR signal transmission accuracy.

The DIGI-VGASD-IREMT is a single-headed IR emitter which emits invisible IR light and features a self-adhesive pad for adhering directly to the IR sensor window of the controlled audio/video hardware. Although the emitter does not visibly operate, it is faithfully reproducing electrical signals and transmitting them to the audio/video hardware.

Installation

To install the Intelix DIGI-VGASD-IREMT, perform the following steps:

Warning! The Intelix DIGI-VGASD-IREMT is designed for use with Intelix DIGI-VGASD series extenders. Intelix cannot guarantee or warrant performance when plugged directly into non-Intelix equipment.

1. Locate the IR window on your audio/video equipment.
2. Verify the DIGI-VGASD series extender which will be connected to the DIGI-VGASD-IREMT is less than 10 feet away (unless an additional jumper cable will be used).
3. Expose the adhesion pad by removing the protective cover on the flat side of the emitter.
4. Affix the DIGI-VGASD-IREMT to the center of the IR window on the audio/video hardware.
5. Connect the 1/8" (3.5mm) plug of the DIGI-VGASD-IREMT to the IR output of the DIGI-VGASD series extender.

Locating the IR window on audio/video equipment.

If you are having difficulty locating the IR window on your audio/video equipment, try the following steps:

- 1) Consult the user manual for the equipment.
- 2) Use a flashlight to locate the sensor in the equipment's display or bezel.
- 3) Using the equipment's original remote control, send commands to the equipment to verify proper operation (such as volume up/down). Once proper operation has been determined, cover up portions of the equipment with a solid object or thick cloth and resend commands. If commands continue to be accepted by the device, you are not covering the window. If commands are no longer accepted, you are covering the window. Locate the sensor in the narrowed down area with a flashlight.

Symptom	Possible Solutions
Commands are not sent to the audio/video hardware	The emitter is not placed directly over the hardware's IR window. Relocate and reposition the DIGI-VGASD-IREMT.
Commands are not sent to the audio/video hardware	Verify the connecting DIGI-VGASD series extender and audio/video hardware are operational.
Some commands are missed or command performance is unreliable	Surrounding electrical equipment may be producing high levels of IR noise. Plasma TVs and compact fluorescent lights are known polluters. Shield the outside of the DIGI-VGASD-IREMT emitter and the hardware's IR window with electrical tape.
Some commands are missed or command performance is unreliable	Verify the DIGI-VGASD-IREMT is directly on the hardware's IR window and directly over the IR sensor. Operation may be intermittent if the DIGI-VGASD-IREMT is too far away from the sensor.
The emitter loses adhesion	Clean the hardware's IR window with an alcohol-based cleaner and re-apply the DIGI-VGASD-IREMT.
The emitter loses adhesion	Apply a small drop of glue to the adhesion pad on the DIGI-VGASD-IREMT and re-apply.

Extended distance connection note.

An extension cable (up to 300 feet) may be used between the DIGI-VGASD-IREMT and the DIGI-VGASD series extender. A two or three conductor cable with male and female 1/8" (3.5mm) plugs is recommended.

DIGI-VGASD-IREMT Technical Specifications

Cable Length	10 feet
Mounting	Adhesive pad
Connector Style	1/8" (3.5mm) male mini plug
Max Distance Length	310 feet
Polarity	Tip: Signal Sleeve: Ground Ring: Not used
Style	Single-head emitter construction
Compliance	RoHS
Shipping Weight	1 lb.
Warranty	2 years
Intelix Part Number	DIGI-VGASD-IREMT
Contents	Package includes one (1) IR emitter

DIGI-VGASD-IREMT IR Emitter

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