DIGI-VGASD2-T8 Technical Specification

VGA, Audio, & RS232/IR over Twisted Pair Transmitter with Multiple Outputs

Rev. 130211

The Intelix DIGI-VGASD2-T8 transmits computer video, stereo audio, and control signals to eight remote destinations over a single twisted pair cable, such as Cat 5e or Cat 6.

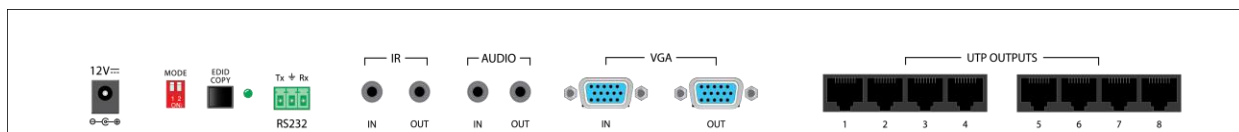The DIGI-VGASD2-T8 features local computer video and stereo audio output.

The DIGI-VGASD2-T8 features built in EDID tables that emulate common resolutions (1024x768 and 1280x800). The DIGI-VGASD2-T8 features an EDID copy function that will copy all EDID information from the destination device. The DIGI-VGASD2-T8 will retain the copied EDID information if power is disconnected.

The DIGI-VGASD2-T8 features up to 1920x1200 computer video performance and high-fidelity 20Hz to 20kHz audio performance extension up to 350 feet. The DIGI-VGASD2-T8 features bi-directional IR and RS232 on Output 1, and uni-directional (transmitter to receiver) IR and RS232 on all other outputs.

Front View

Rear View

8001 Terrace Ave.
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Middleton, WI 53562

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Toll-Free: 866-462-8649
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Technical Specifications	
I/O Connections	
VGA Input	One (1) HD15 Female
VGA Output	One (1) HD15 Female
Analog Audio Input	One (1) 3.5mm TRS
Analog Audio Output	One (1) 3.5mm TRS
Twisted Pair Outputs	Eight (8) 8P8C port (RJ45)
IR Input	One (1) 3.5mm TRS
IR Output	One (1) 3.5mm TS
RS232 Input	3 pole euroblock
12V DC Power	One (1) 5.5 mm Outside Diameter, 2.1 mm Inside Diameter Barrel
DIP Switches	Two switch DIP
EDID Copy Button	Black plastic button
Supported Video	
Maximum Video Compatibility at 106 m (350 ft)	WUXGA (1920 x 1200)
Input DDC Signal	5.0 volts p-p (TTL)
Input Video Signal	1.2 volts p-p
Video Bandwidth	300 MHz
DIP Switch Modes	1024x768 (XGA), 1280x800 (WXGA), Copy and Use EDID
Supported Audio	
Input Level	-10dBv
Audio Frequency Response	20 Hz to 20 kHz +/- 1dB
Crosstalk	-70 dB @ 2 kHz with a +7 dB input; -65 dB @ 20 kHz with a +7 dB input
Signal to Noise Ratio	80 dB @ 7 dBu
Chassis and Environmental	
Enclosure	Aluminum (painted black)
Dimensions	482.6 mm x 235 mm x 44 mm (19 in. x 9.25 in. x 1.75 in.)
Rack Spacing	1 RU
Shipping Weight	1.8 kg (4lbs.)
Operating Temperature (Environment)	0° to +40° C (+32° to +104° F)
Operating Temperature (Chassis)	26° C (79° F) (S); 30° C (86° 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
Power, ESD, and Regulatory	
Power Supply	12vDC / 2A
ESD Protection	16kV
Regulatory	CE, RoHS
Other	
Standard Warranty	2 Years
Diagnostic Indicators	Active video signal, EDID copy and power LEDs
Included Accessories	US Power Supply and Installation Guide
Compatible Receiver	DIGI-VGASD-R
Infrared Emitter	VGASD2-EMT
Infrared Receiver	VGASD2-EYE
Mounting	Built-in rack ears

Distances and picture quality may be affected by cable grade, cable quality, source and destination equipment, RF and electrical interference, and cable patches. Intelix specifications are based on straight-through cabling with standard-grade Cat 5e unless noted otherwise.

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