

DIGI-DVI-F Technical Specification

DVI over Twisted Pair Extender Set

Rev. 130208

The DIGI-DVI-F is a professional-grade extender which transmits single link DVI up to 150 feet over two twisted pair cables.

The DIGI-DVI-F supports standard HDTV and VESA resolutions, as well as the DDWG standard for DVI compliant monitors. The system is powered on either the send or the receive end. ESD protection safeguards connected equipment from power strikes and surges.

The Intelix DIGI-DVI-F is Mac compatible and HDCP compliant.

Each DIGI-DVI-F includes one send unit, one receive unit, one power supply, and two mounting brackets.



Technical Specifications	
I/O Connections (Transmitter)	
Twisted Pair Output	Two (2) 8P8C port (Shielded RJ45)
DVI Input	One (1) Female DVI 24+5
Power Input	One (1) 5.5mm outer / 2.1mm inner diameter coaxial power connector
I/O Connections (Receiver)	
Twisted Pair Input	Two (2) 8P8C port (Shielded RJ45)
HDMI Output	One (1) Female DVI 24+5
Power Input	One (1) 5.5mm outer / 2.1mm inner diameter coaxial power connector
Supported Audio and Video	
Supported Video Resolutions	HDTV: 480i, 480p, 576i, 576p, 720p, 1080i VESA Resolutions: Up to 1920x1200
Output Video	DVI with HDCP
Compliance	HDMI and HDCP
Maximum Distance per Linked Unit (Cat 5e)	1080i/720p: 150 feet; 480i/480p/576i/576p: 150 feet; 1280x1024 (SXGA): 150 feet 1680x1050 (WSXGA+): 100 feet; 1920x1200 (WUXGA): 60 feet
Extender Signal Characteristics	
Video Amplifier Bandwidth	1.65 Gbps
Input DDC Signal	5.0 volts p-p (TTL)
Input Video Signal	0.5 to 1.0 volts p-p
Chassis and Environmental	
Enclosure	Painted steel
Dimensions	111mm x 76mm x 24mm (4.37" x 3" x 0.95")
Operating Temperature	86°F
Shipping Weight	0.57 kg (1.25 lbs.)
Power, ESD, and Regulatory	
Maximum Power Consumption	5 watts
Power	5vDC / 1A
Regulatory	CE, RoHS
ESD Protection	15kV
Other	
Diagnostic Indicators	Status and power LEDs
Warranty	2 years
What's in the Box	DIGI-DVI-F set, US power supply, Installation Guide, mounting brackets

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.