

1T-CT-570 Series DVI Fiber Optic Extender is a high performance system used to transmit PC and HDTV video at resolutions up to WUXGA and 1080p respectively over distances up to 500 meters (1,640 feet.) Utilizing very small footprints, the 1T-CT-571 Transmitter connects directly to a PC's DVI-D connector. The 1T-CT-572 Receiver connects directly to the display device.

Four Fiber Optic cables provide a RF immune, virtually lossless method for transporting the video signal to a remote location. No adjustments are required and set up consists of simply making certain that the PC output resolution matches the display device capabilities plus insuring that the cables are securely and correctly connected.

The Laser system used is a class 1 device for each of the 4 paths and it complies with the EN-60825-1 specifications.



Key Features of the 1T-570 Series

- Transmit PC & Video content via Fiber Optic Cable
- PC Resolutions to WUXGA (1920x1200@16:10)
- HDTV Resolutions to 1080p (1920x1080@16:9)
- Transmission Ranges to 500 Meters (1,640 Feet)
- Small Footprint and light weight

Specifications

Video Inputs	
1T-CT-571 Tx	1x DVI via DVI-D
Video Outputs	
1T-CT-572 Rx	1x DVI via DVI-D
Fiber Optic I/O	
1T-CT-571, 572	1x 4-LC Fiber Optic Connectors
Video Performance	
Maximum PC Resolution	WUXGA (1920x1200)
Maximum Video Resolution	1080p (1920x1080p)
Video Bandwidth	1.65 Gbps per channel
Fiber Optic System	
Class 1 Laser	EN 60825-1
Optical Property	4 Ch., 850nm@-6dBm
Maximum Range	
1T-CT-571, 572 System	500 Meters (1,640 feet)
Mechanical (H-W-D)	
1T-CT-571, 572	19.6x40x90mm (0.77"x1.6"x3.5")
Weight	
1T-CT-571, 572	65g (0.14 Lbs) Ea.
Power Requirement	
External Supply	+5 VDC@1A
Environmental	
Operating Temperature	-10° to +50° C (+14° to +122° F)
Operating Humidity	10% to 90%, Non-condensing
Storage Temperature	-20° to +75° C (-4° to +167° F)
Storage Humidity	10% to 90%, Non-condensing
Warranty	
Limited Warranty	3 Years Parts and Labor
Regulatory Approvals	
Encoder/Decoder Unit	FCC, CE, RoHS
Power Supply	UL, CUL, CE, PSE, GS, RoHS
Model Numbers	
1T-CT-571	DVI-D Fiber Optic Transmitter
1T-CT-572	DVI-D Fiber Optic Receiver
Accessories Included	
2x Power Adapter	US, UK or Euro
1x User Manual	1T-CT-570 DVI Extender Series

