

Analog Video Transmission

VT/VR-1001

For Cost-effective Analog CCTV Applications

The **Litelink**® VT/VR-1001 system consist of the VT-1001 transmitter and VR-1001 receiver. This system transmits wide band analog video signals in accordance with NTSC, PAL or SECAM specifications. A dual receiver in a single housing, VR-1002, is also available for conserving rack space.

Both multimode and single-mode versions are available and installation only requires a simple adjustment. Integral indicators are provided on both units to continuously indicate the presence of video signals as well as the presence of operating power making system troubleshooting simple.



Technical Specifications

Important Features

Video Bandwidth (minimum)	10 MHz (+0,-3dB)
Input / Output Impedance	75 ohms
Input / Output Level	1 volt pp
Signal/Noise Ratio*	62dB minimum
Differential Gain*	5.0% Typical
Differential Phase*	1.5° maximum
Operating Wavelength	850, 1310 or 1550nm
Optical Loss Budget	0-12dB (multimode or single-mode)
Optical Connectors	ST (multimode) FCPC (single-mode)
Signal Connector	BNC
Operating Temperature	-35° to +75°C
Humidity	<95% non condensing
MTBF (per MIL HBK 217)	>120,000 hours
Power Requirements**	11-24 VAC/DC @150 mA
Physical Size (mm)	5.0" (127) x 3.0" (76) x 1.0" (25.4)

*Measured with 1Km of 62.5u multimode fiber.
All specifications are subject to change without prior notice.

- **10 MHz Video Bandwidth**
- **Signal/Power Indicators**
- **Multimode or Single-mode versions**
- **Stand-alone, DIN or Rack Mountable (same unit)**

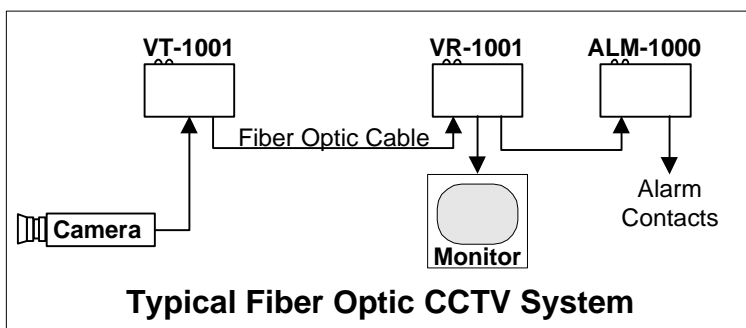
Ordering Information

Transmitter VT-1001-X
Receiver VR-1001-X
Dual Receiver VR-1002-X

"X" = Wavelength/Fiber

-1 = 850nm Multimode
-3 = 1310nm Multimode
-7 = 1310nm Single-mode
-9 = 1550nm Single-mode

**For stand-alone operation order a PS-1205 power supply for each unit. For rack mounted operation all operating power is provided by power supply used with the rack-mounting panel.



Litelink®

Fiber Optic Transmission Systems

www.LiteLink.com
USA 516-931-2800