

VIDEO/AUDIO

VDT/VDR-1001

For Cost-effective Video and PTZ Data Applications

The **Litelink**® VDT/VDR-1001 system consists of the VDT-1001 transmitter and VDR-1001 receiver. Both units utilize linear modulation and wide-band low noise circuitry to transmit high quality video and two-way PTZ data on a single optical fiber and are compatible with most current PTZ systems.

Both multimode and single-mode versions are available and installation only requires a simple one-minute adjustment to set the desired video output level. In addition, integral LEDs are provided on both units to continuously indicate the presence of all signals as well as the presence of operating power making system troubleshooting simple.



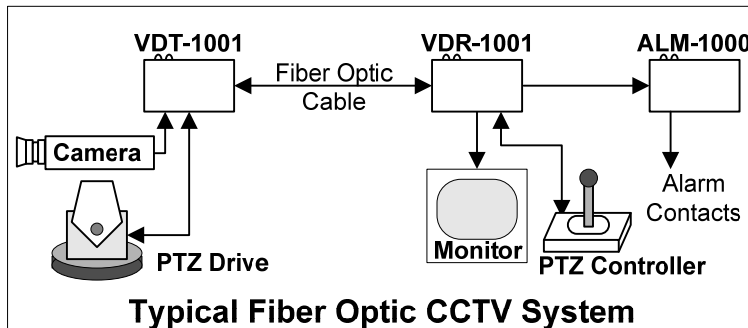
Technical Specifications

Important Features

Video Bandwidth (minimum)	8 MHz (+0, -3dB)
Data Transmission Rate	DC to 115.2 Kb/s
Data Protocols	RS-232 /422 / Manchester
Video In/Out Impedance	75 Ohms
Video In/Out Level	1 Volt peak to peak
Video Signal/Noise Ratio*	60dB typical
Operating Wavelength	850, 1310 or 1550nm
Optical Loss Budget	0-13dB (multimode) 0-13dB (single-mode)
Optical Connectors	ST (multimode) FCPC (single-mode)
Signal Connectors	Video: BNC PTZ Data: Terminal Block
Operating Temperature	-35° to +75°C
Humidity	<95% non condensing
MTBF (per MIL HBK 217)	>120,000 hours
Power Requirements**	11-24 VAC/DC @250 mA
Physical Size (mm)	5.0" (127) x 3.0" (76) x 1.0" (25.4)

- **8 MHz Video Bandwidth**
0-100Kb/s PTZ Data Rate
- **Very Cost-effective**
- **Signal/Power Indicators**
- **Stand-alone, DIN or Rack Mountable (same unit)**

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



Ordering Information

Transmitter, VDT-1001-X
Receiver, VDR-1001-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 the power supply used with the rack panel.

Litelink®
Fiber Optic Transmission Systems

www.LiteLink.com
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