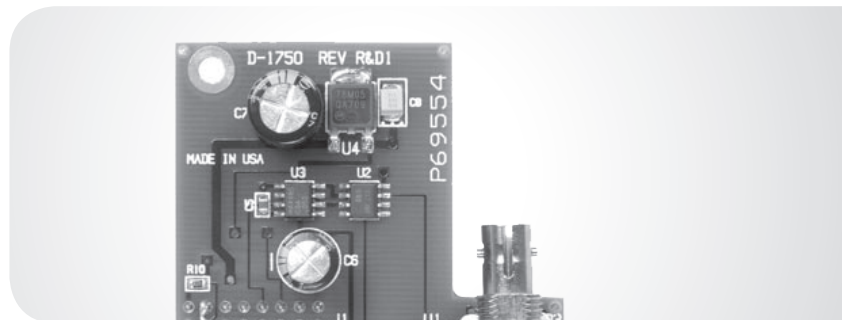


VT1500WDM- Pelco Series

IFS Video with Reverse Data



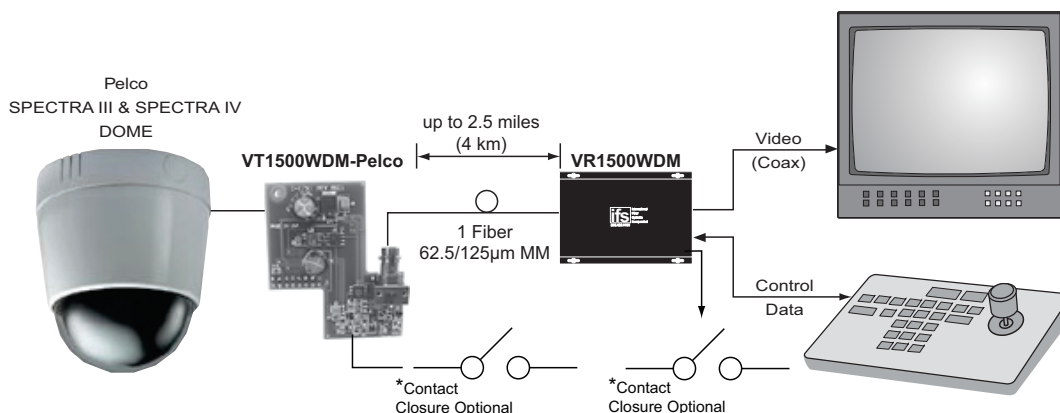
OVERVIEW

The IFS VT1500WDM-Pelco Series is a miniature video transmitter and data receiver using one multimode fiber optic cable. It plugs directly in to the Pelco SPECTRA III and SPECTRA IV DOME data converter connector. The VT1500WDM-Pelco has identical performance as the standard VT1500WDM and is compatible with the standard VR1500WDM (R3). Designed for easy and fast installation the VT1500WDM-Pelco has no external electrical connections and requires no external power.

STANDARD FEATURES

- AM Video Transmission
- NTSC, PAL, SECAM Compatible
- Full Color Compatibility
- Supports Pelco RS-422 Data Interface
- Transparent to Data Encoding
- Full Range Automatic Gain Control (AGC)
- No In-field Electrical or Optical Adjustments Required
- Integrated WDM for Greater Product Reliability
- Distances up to 2.5 miles (4 km) without Repeaters
- Available in FiberPak™
- Comprehensive Lifetime Warranty

SYSTEM DESIGN



VT1500WDM-Pelco Series

IFS Video with Reverse Data

North America
T 855-286-8889

Latin America
T 561-998-6114

Ordering Information

	Part Number	Description	Fibers Required	Optical Pwr. Budget	Max. Distance*
Multimode 62.5/125µm**	VT1500WDM-PELCO	Video Transmitter/Data Receiver (850/1310 nm)	1	14 dB	2.5 miles (4 km)
	VR1500WDM	Video Receiver/Data Transmitter (1310/850 nm)	1	14 dB	2.5 miles (4 km)

*Optical transmission distance is limited to optical loss of the fiber and any additional loss introduced by connectors, splices and patch panels. Distance can also be limited by fiber bandwidth. **For 50/125 Fiber, subtract 4 dB from Optical Power Budget.

Specifications

Video

Video Output:	1 Volt pk-pk (75 ohms)
Bandwidth:	5 Hz - 10 MHz (At 6 dB attenuation)
Differential Gain:	<5%
Differential Phase:	<5 °
Tilt:	<1%
Signal-to-Noise Ratio (SNR):	>55 dB @ 10 dB attn

Data

Data Interface:	RS-422
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Wavelength

850/1310 nm, Multimode

Number Of Fibers

VT1500WDM-Pelco: 1

Connectors

Optical:	ST
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Electrical & Mechanical

Power:	
VT1500WDM-Pelco:	From Pelco DOME
Circuit Board:	Meets IPC Standard
Size (in./cm.) (LxWxH)	2.375 x 2.25 x .875 in., 8.6 x 5.715 x 2.2 cm
Shipping Weight:	< 1/2 lbs./ .23 kg

Environmental

MTBF:	> 100,000 hours
Operating Temp:	-40° C to +74° C
Storage Temp:	-40° C to +85° C
Relative Humidity:	0% to 95% (non-condensing)

Agency Compliance

Complies with FDA Performance Standard for Laser Products, Title 21, Code of Federal Regulations, Subchapter J



interlogix.com

Specifications subject to change without notice.

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VT1500WDM_Pelco Series