

**M1615
SERIES
MULTIMODE**

**Single Fiber Bi-directional Transceivers - One-Way Video
with reverse Coaxitron Control for Pelco Spectra IV**



FEATURES:

- Plugs Directly into Spectra IV Back-Box
- Single Fiber Video and PTZ Control
- Powered by the Dome
- Modules or Rack Card Receiver
- Compatible with 15, 16 and 32 Bit Extended Coaxitron Control
- Completely Transparent Installation
- PFM Video Transmission

SPECIFICATIONS:

Video:

I/O Level	1 Vpp
I/O Impedance	75 Ohms
Bandwidth	8 MHz
Differential Gain	5%
Differential Phase.....	3°
SNR.....	60 dB
Connector	Internal

Data:

Pelco "Up the Coax" Control

Optical:

Wavelength	850/1300 nm
Loss Budget (62.5/125µ fiber).....	10 dB
Connector	ST

Temperature (Operating):

-40°C to +74°C, non-condensing

Power Supply:

MTM-1615 - 12 VDC (From Spectra IV Dome)	
Power Consumption	2 Watts
MRM-1605 - 12 VDC (AFI Part #: PS-12)	
Power Consumption	4 Watts
Rack Card (See AFI Part #: SR-20D/2)	
Power Consumption	4 Watts

Size:

Transmitter - 3" x 2.1" x 3/4"
Module Receiver - 4 1/2" x 4 1/4" x 1 1/8"
Rack Card - 6 1/2" x 1" x 5"

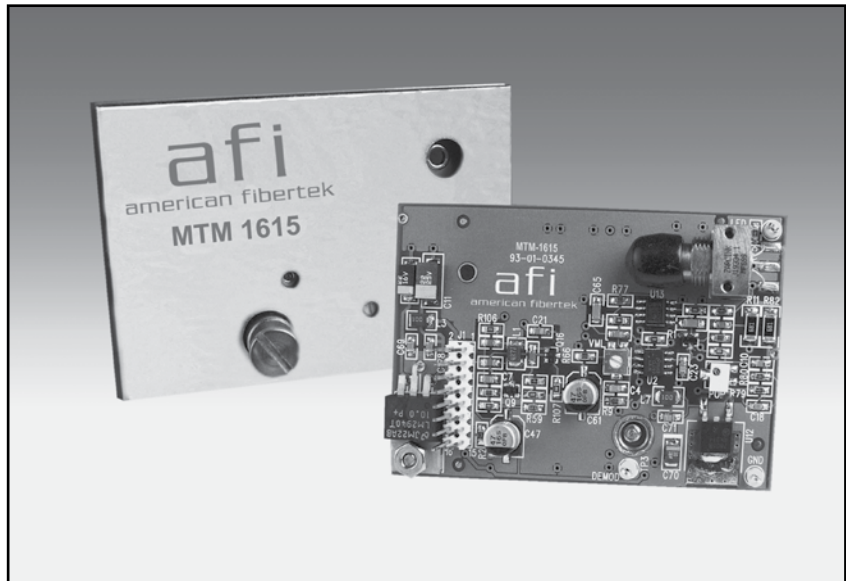
ORDERING INFORMATION:

MTM = Module Transmitter - Field Unit

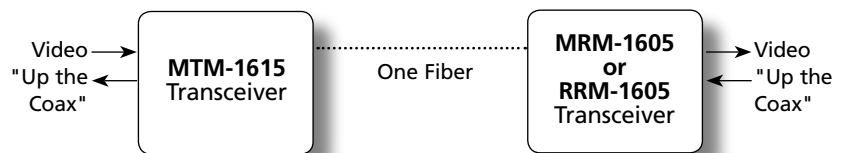
Example:

Module Video Tx to Rack Card Rx:
MTM-1615 to RRM-1605

Module Video Tx to Module Rx:
MTM-1615 to MRM-1605



The American Fibertek M1610 Series is a low cost, low profile video and Coaxitron transceiver system. The video transmitter is specifically designed to plug into the back box of the Pelco Spectra IV camera dome. The system utilizes one multimode optical fiber to transmit video and return Coaxitron camera PTZ control. Designed to be completely transparent, this system requires no field adjustments at installation or additional maintenance thereafter. Compatible video receivers may be ordered as stand alone modules or rack cards that are mounted in the American Fibertek Card Cages: SR-20D/2 or SR-20R/1. The MTM-1615 is compatible with the MRM-1600 or the RRM-1600.



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