



Single Channel Video with “Up-the-Coax” PTZ Control & (1) Bi-Directional RS422 or Contact Closure or Audio Channel “Extended Length : 10km”

FEATURES:

- ◆ Diagnostics: Power, Video and Optical Presence
- ◆ Compatible with NTSC; RS-170A & RS-343A and PAL
- ◆ Video with Reverse Up-the-Coax PTZ over one Multimode Fiber
- ◆ PFM Video Transmission

SPECIFICATIONS:

Video:

I/O Level 1 Vp-p
 I/O Impedance 75 Ω
 Bandwidth 7 MHz
 Differential Gain 5 %
 Differential Phase 3 °
 SNR 55 dB
 Connector BNC

Up the Coax Data:

Control System Compatibility
 Vicon Vicoax
 Bosch
 Pelco Coaxitron 15, 16 and 32 Bit

Optical:

Wavelength 1300/1550 nm
 Loss Budget (62.5/125µm fiber) 21 dB
 Max Distance 10 km
 Connector ST

RS422 Data: Optional

Data Rate up to 19.2 Kb/s
 Data Connector 5 Pin Screw Terminal

Contact Closure: Optional

Input Switch Closure to Ground
 Output Dry Contact
 Response Time 2 ms
 Connector 5 Pin Screw Terminal

Audio: Optional

I/O Level 0 dBm
 I/O Impedance 600 Ohms Balanced
 Bandwidth 20 Hz to 20 KHz
 THD @ 1 KHz 1%
 SNR 60 dB
 Audio Connector 5 Pin Screw Terminal

Temperature (Operating)

-40°C to +75°C, non-condensing

Power Supply:

Module – 12 Vdc
 Rack Card – AFI SR 20/2

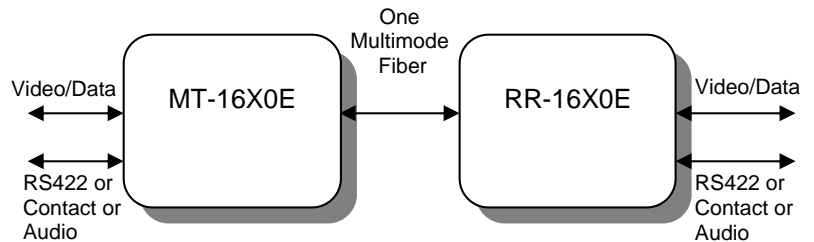
Size:

Module 8 1/8” x 4 1/8” x 1 1/8”
 Rack Card requires 1 rack slot– 6 1/2”x5”x1”



The American Fibertek 16X0E Series transmits one channel of PFM video with “Up-the-Coax” PTZ Control and either (1) RS422 data or (1) Contact Closure or (1) audio channel on one multimode optical fiber. Designed to be used with “Up the Coax” Control System products, these systems require no field adjustments at installation or additional maintenance thereafter.

Diagnostic indicators provide a quick visual indication of system status. Equipment may be ordered as stand alone modules or rack cards that are mounted in the American Fibertek Card Cage: SR-20/2 or SR-20R/1.



Product Ordering Information:

- | | |
|----------|------------------------|
| MT-16X0E | Module Transmitter |
| MR-16X0E | Module Receiver |
| RT-16X0E | Rack Card Transmitter |
| RR-16X0E | Rack Card Receiver |
| X=4 | RS422 Option |
| X=9 | Contact Closure Option |
| X=8 | Audio Channel Option |