



# M1605P SERIES MULTIMODE

## Single Fiber Bi-directional Transceivers - Low Profile One-Way Video with Reverse Panasonic Camera and PTZ Control



### FEATURES:

- Video with Reverse Panasonic Camera and PTZ Control Over One Multimode Optical Fiber
- Compatible with NTSC; RS-170A & RS-343A and PAL
- Diagnostics: Video, Power and Optical Presence
- Full Color Transmission
- 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.....	BNC

#### System Data Supports:

Full function Panasonic Proteus control protocol.

#### Optical:

Wavelength.....	850/1300 nm
Loss Budget (62.5/125µ).....	12 dB
Maximum Transmission Distance.....	1.6 Km
Connector.....	ST

#### Temperature (Operating):

-40°C to +74°C, non-condensing

#### Power Supply:

Module - 12 VDC (AFI Part #: PS-12)  
Rack Card - (See AFI Part #: SR-20/2)

#### Size:

Module - 3¼" x 1½" x 5½"  
Rack Card requires one rack slot - 6½" x 1" x 5"

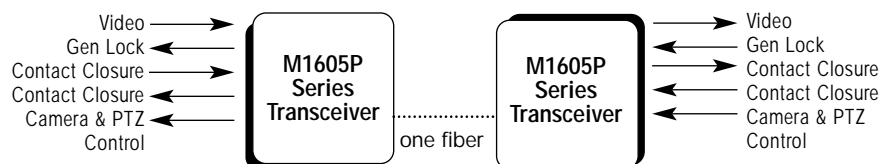
### ORDERING INFORMATION:

MTM = Module Transmitter - Video Source  
MRM = Module Receiver - Control Site  
RRM = Rack Card Receiver - Control Site  
RTM = Rack Card Transmitter - Video Source

**Example: MTM-1605P to RRM-1605P**



The American Fibertek M1605P Series transmits high-quality, simultaneous video with reverse Panasonic Control Protocol on one multimode optical fiber. Designed to be used with Panasonic 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 Cages: SR-20/2 or SR-20R/1. Panasonic products provide full function Bi-directional video, camera and PTZ control along with full contact closure and video genlock.



**THE 3600P SERIES IS AVAILABLE  
FOR SINGLEMODE APPLICATIONS**