



**1600P
SERIES
MULTIMODE**

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



FEATURES:

- Video with Reverse Panasonic Camera and PTZ Control Utilizing One Multimode Optical Fiber
- Compatible with NTSC; RS-170A & RS-343A and PAL
- Diagnostics: Video, Power and Optical Presence
- 24 VAC Standard or 12 VDC Option
- Full Color Transmission
- PFM Video Transmission

SPECIFICATIONS:

Video:

I/O Level.....	1 Vpp
I/O Impedance.....	75 Ohms
Bandwidth.....	.8 MHz
Differential Gain.....	.4%
Differential Phase.....	.4°
SNR.....	.63 dB
Connector.....	BNC

System Data Supports:

Full function Panasonic control protocol.
Maximum Transmission Distance1.6 Km

Optical:

Wavelength.....	.850/1300 nm
Loss Budget (62.5/125µ).....	12 dB
Connector.....	ST

Temperature (Operating):

-20°C to +70°C, non-condensing

Power Supply:

Module - 24 VAC (AFI Part #: PS-24)
12 VDC available upon request, consult factory
Rack Card - (See AFI Part #: SR-20/2)

Size:

Module - 6¾" x 5¾" x 1¾"
Rack Card requires one rack slot - 6½" x 1" x 5"

ORDERING INFORMATION:

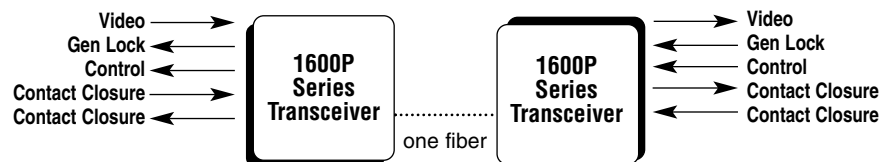
MT = Module Transmitter - Video Source
MR = Module Receiver - Control Site
RT = Rack Card Transmitter - Video Source
RR = Rack Card Receiver - Control Site

Example: MT-1600P to RR-1600P



The American Fibertek 1600P Series transmits high-quality, simultaneous bi-directional 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 systems provide full function Bi-directional video, camera and PTZ control along with full contact closure and video genlock.



- For singlemode product equivalent to the 1600P series please see the 3600P series product.