



**915SL
SERIES
SINGLEMODE**

SINGLE CHANNEL DIGITAL VIDEO SYSTEM WITH ONE BI-DIRECTIONAL MULTI-PROTOCOL DATA CHANNEL AND A BI-DIRECTIONAL CONTACT CLOSURE

Features:

- ◆ Compatible with NTSC, (RS – 170A & RS –343A), PAL and SECAM
- ◆ Diagnostics: Video, DC Power, Digital Frame Sync, OLI, Data Activity
- ◆ Available with Enhanced "Afinety" Intelligent Monitoring System
- ◆ 10 Bit Digital Video Transmission
- ◆ Serial Digital Transmission

Specifications:

Video:

I/O Level1 Vp-p (±3 dB)
 I/O Impedance 75 Ohms
 Bandwidth7 MHz
 Differential Gain2 %
 Differential Phase.....0.7 °
 SNR (Unified Weighted).....65 dB
 Connector BNC

Data:

Interface.....Selectable Multi-protocol
 Choice of: RS-485 (2 or 4 wire),
 RS-422,
 RS-232
 Manchester

Format.....Asynchronous
 RateDC to 115 Kbit/s
 Connector Terminal Block

Contact Closure:

Input.....Switch Closure to Ground
 OutputDry Contact
 Response Time 2 mS
 Max Voltage100 VDC or Peak AC
 Max Current 0.5 A
 Connector Terminal Block

Optical:

Wavelength.....1310/1550nm
 Loss Budget (9/125µ).....21 dB
 Connector.....FC

Temperature (Operating)

-40°C to +75°C, non-condensing

Power Supply:

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

Size:

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

Product Ordering Information:

MT-915SL Module Transmitter
 MR-915SL Module Receiver
 RT-915SL Rack Card Transmitter
 RR-915SL Rack Card Receiver

5/25/05



The American Fibertek 915SL Series transmits one channel of high-quality 10 bit digitized video plus one channel of multi-protocol data and a contact closure on one singlemode optical fiber using WDM technology. Designed to be completely transparent to all camera and monitor manufacturers, this system requires no field adjustments at installation or additional maintenance thereafter. Diagnostic indicators provide a quick visual indication of system status. **The "Afinety" intelligent remote monitoring system is available on this product, please consult factory.**

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.

