



SINGLE CHANNEL DIGITAL VIDEO SYSTEM WITH A BI-DIRECTIONAL SENSORNET DATA CHANNEL

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
- ◆ Switch Selectable Terminations

Specifications:

Video:

I/O Level 1 Vp-p (±3 dB)
 I/O Impedance 75 Ohms
 Bandwidth 7 MHz
 Differential Gain 2 %
 Differential Phase 0.7 °
 SNR (Unified Weighted) 65 dB
 Connector BNC

Data:

Rate 230.4 Kbps
 Connector 5 pin screw terminal

Optical:

Wavelength 1310/1550nm
 Loss Budget (62.5/125µ) 12 dB
 Transmission Distance 4 km
 Connector ST

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 1 rack slot... 6 1/2"x5"x1"

Product Ordering Information:

MT-911C Module Transmitter
 MR-911C Module Receiver
 RT-911C Rack Card Transmitter
 RR-911C Rack Card Receiver



The American Fibertek 911C Series transmits one channel of high-quality 10 bit digitized video and one channel of Sensornet data protocol on one multimode 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.

