

SINGLE CHANNEL DIGITAL VIDEO SYSTEM WITH THREE BI-DIRECTIONAL MULTI-PROTOCOL DATA CHANNELS

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
- ◆ Digital Video Transmission
- ◆ Serial Digital Transmission

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)..... 55 dB
 Connector BNC

Data (3 Channels):

Number of Channels 3 (Full Duplex)
 Interface..... 485(2 or 4 Wire)/RS422/RS232
 Data Format Asynchronous, Serial
 Data Rate DC to 115 Kbs
 Connector 5 Pin Screw Terminals

Optical:

Wavelength 1310/1550nm
 Loss Budget (9/125µ)..... 15 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 81/8" x 41/8 x 11/8"
 Rack Card requires 1 rack slot... 6½"x5"x1"

Product Ordering Information:

MT-713C-SL Module Transmitter
 MR-713C-SL Module Receiver
 RT-713C-SL Rack Card Transmitter
 RR-713C-SL Rack Card Receiver

3/08/17 JPK



The American Fibertek 713C-SL Series transmits one channel of high-quality digitized video and three channels of multi-protocol data 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 may be mounted in the American Fibertek Card Cages: SR-20/2 or SR-20R/1.

