

## 24 CHANNEL DIGITAL VIDEO SYSTEM

### Features:

- ◆ Compatible with NTSC, (RS – 170A & RS –343A), PAL and SECAM
- ◆ Diagnostics: Video, DC Power, OLI
- ◆ Automatic Resettable Fuses on Power Lines
- ◆ Available with Enhanced “Afinety” Intelligent Monitoring System
- ◆ 10 Bit Digital Video Transmission
- ◆ Serial Digital Transmission
- ◆ Also available with Multi-protocol RS data and Ethernet

### 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

#### Optical

Wavelengths ..... 1470 nm  
 ..... 1490 nm  
 ..... 1510 nm  
 Loss Budget (9/125µ)..... 21 dB  
 Connector ..... SC

#### Environmental

Operating Temp.....-40°C to +75°C  
 Storage Temp.....-40°C to +85°C  
 Humidity.....0% to 95% (non condensing)  
 MTBF.....>100,000 hours

#### Power Supply:

Universal Power Input  
 100 to 240 VAC, 50 to 60 Hz, 70 W

#### Size:

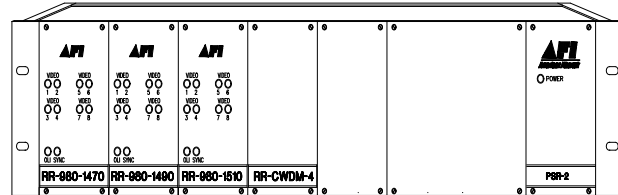
- (3) Units of 8 Channel Video
- (1) Unit CWDM Mux/Demux  
 2 Rack Slots Each – 5 x 6½ x 2”
- (1) SR20/2

#### Ordering information:

RT-92400C-SL = Video Transmitter  
 RR-92400C-SL = Video Receiver

#### Example:

**RT-92400C-SL to RR-92400C-SL**



The American Fibertek 92400C-SL Series transmits 24 channels of high-quality 10 Bit digitized video on one singlemode optical fiber using CWDM 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 consists of an American Fibertek Card Cage, SR-20/2 sub-rack containing three (8 channel video) rack cards (2 slots each) and one CWDM Mux/Demux rackcard (2 slots) which contains the CWDM passive optics. Also available in a card cage (SR-20H/2) with redundant power supplies. Consult factory for more details

