



## 16 CHANNEL DIGITAL VIDEO SYSTEM

**91600SL  
SERIES  
SINGLE MODE**

### Features:

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

### Specifications:

#### Video:

I/O Level ..... 1 Vp-p ( $\pm 3$  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  
Loss Budget (9/125 $\mu$ ) ..... 21 dB  
Connector ..... SC/PC

#### Temperature (Operating)

-40°C to +75°C, non-condensing

#### Power Supply:

Universal Power Input  
85 to 264 VAC, 47 to 63 Hz  
70 Watts Max

#### Size:

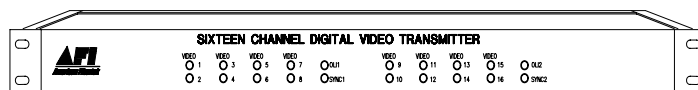
(1) 1RU 1.75” High x 19” Wide x 12” Deep

#### Ordering information:

MRT-91600SL = Video Transmitter  
MRR-91600SL = Video Receiver

#### Example:

**MRT-91600SL to MRR-91600SL**



The American Fibertek 91600SL Series transmits 16 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 a 1 RU housing which contains the Video and the CWDM passive optics.

