



**91P3335E-SL  
Series  
Singlemode**

**One Way Digital Video, (2 Ports) 10/100Base-TX Ethernet, (3) RS232 Data, and (1) RS485 Transceiver**

**SPECIFICATIONS:**

**Video:**

I/O Level ..... 1Vp-p  
 I/O Impedance ..... 75 Ω  
 Bandwidth ..... 7 MHz  
 Differential Gain ..... 2%  
 Differential Phase ..... 0.7°  
 SNR ..... 67 dB  
 Connector ..... BNC

**Ethernet: 2 Ports**

Data Rate:  
 Auto negotiated ..... 10/100 Mb/s  
 Connector ..... RJ45

**Data :**

Interface (3 channels) ..... RS-232  
 (1 channel) ..... RS-485 (2 or 4 wire)  
 Format ..... Asynchronous  
 Rate ..... DC to 115 Kbit/s  
 Connector ..... DB26 to Terminal Block Adapter

**Optical:**

Wavelength ..... 1300/1550nm  
 Loss Budget (9/125μ) ..... 15 dB  
 Distance ..... 20 km  
 Connector ..... FC

**Temperature (Operating)**

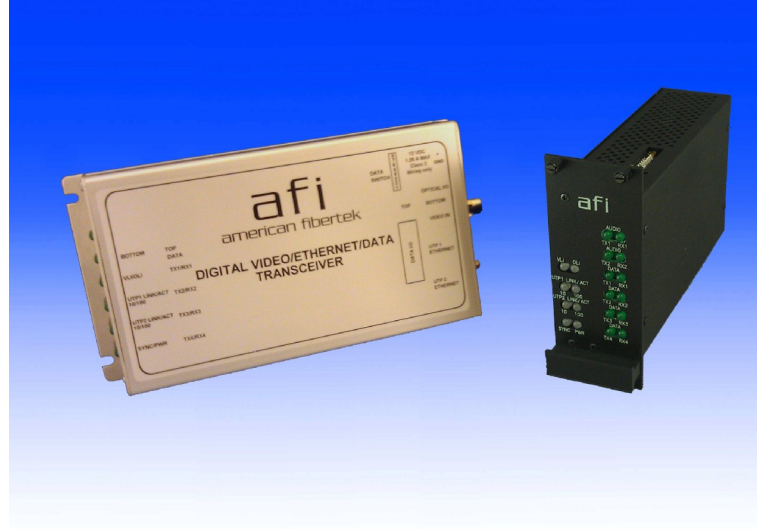
-40°C to +75°C, non-condensing

**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 5/8"  
 Rack Card (2 rack slots) ..... 6 1/2" x 2" x 5"



The American Fibertek 91P3335E-SL Series transmits high-quality, state of the art, 10-bit digital video, (2 Ports) 10/100Base-TX Ethernet, (3) RS232 Data channels, and (1) RS485 Data channel on one singlemode optical fiber. Diagnostic indicators provide a quick visual indication of system status.

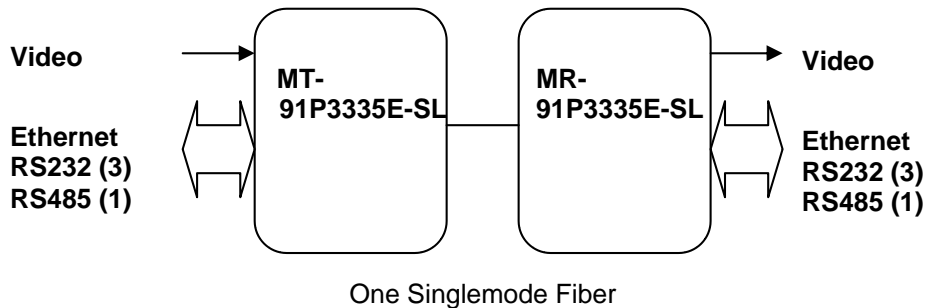
The Ethernet interface is designed to be completely transparent with auto negotiation features which automatically configures the unit for the correct speed (10/100 BaseTX). Auto MDI/MDIX operation eliminates the potential need for crossover cables.

Designed to be completely transparent, this system requires no field adjustments at installation or additional maintenance thereafter.

Equipment may be ordered as stand alone modules or rack cards that are mounted in the American Fibertek Card Cages: SR-20R/1 or SR20/2. The "Afinety" intelligent remote monitoring system is available on this product, please consult factory

**Product Ordering Information:**

MT-91P3335E-SL	Module Transmitter
MR-91P3335E-SL	Module Receiver
RT-91P3335E-SL	Rack Card Transmitter
RR-91P3335E-SL	Rack Card Receiver



1/11/11 JPK