

fiber connectivity solutions

afi

afi delivers the most advanced fiber optic connectivity solutions

A uniquely qualified communications technology engineering and manufacturing company, afi pioneers new technologies and creates innovative products for the most demanding applications.

How we do it?

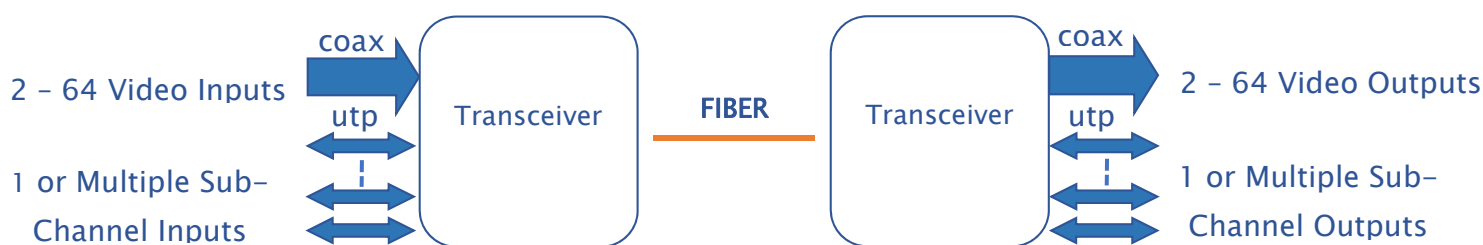
- By applying more than 30 years of fiber optic technology knowledge and experience
- By conceiving and developing numerous customized solutions for global customers and a wide range of applications
- By diligently watching and carefully evaluating emerging communication technologies
- By incorporating new technologies into innovative products that offer both technical advantages and cost effective value

That's how we create the afi fiber connectivity advantage!

afi

multi-channel video, audio, data, contact closure, usb, utp, ethernet

2 to 64 channels of digital, or analog video transmission
with multiple sub-channel options



Package Options



3 RU Rack Cards



Standalone



1 RU Rack/Module

General Characteristics

Video Performance Options: Analog, 8-Bit or 10-Bit Digital

Environmentally Hardened Available: Temperature (Operating) -40°C to +75°C, non-condensing

Sub-Channel Options

Serial Data Support: Multi-Protocol (RS232, RS485, RS422, Manchester, Up-the-Coax)

Ethernet Support: 10/100 Base-TX or 10/100/1000 Base-T

Contact Closures: Max Voltage 100 VDC or Peak AC, Max Current up to 1.0 A, Supervised or Unsupervised

Audio: Analog or 24-Bit Digital, Line Level Audio Interface

USB-2.0

Fiber: Singlemode and Multimode

Transmission Distances Exceeding: 75km

Standards: UL, CE, RoHS - **LIFETIME WARRANTY**

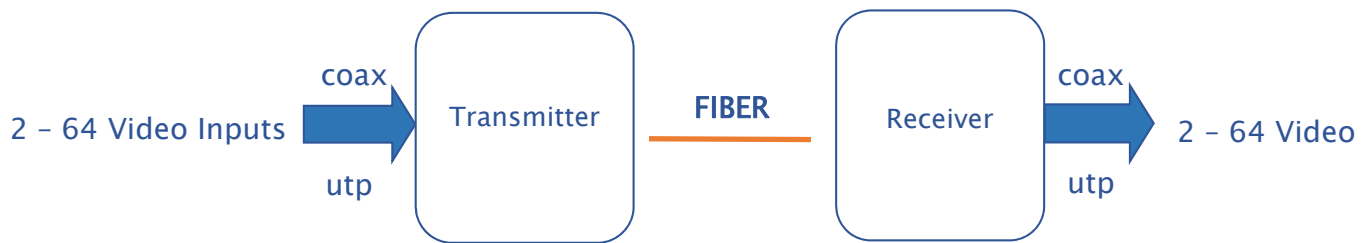
*Consult individual product datasheets for detailed specifications

More information, go to:

<http://americanfibertek.com/products/fiber-optics/multi-channel-video-data>

multi-channel video

2 to 64 channels of digital, or analog video transmission



Package Options



3 RU Rack



Standalone



1 RU Rack/Module

General Characteristics

Video Performance Options: Analog, 8-Bit (Economy) or 10-Bit Digital (High Performance)

Environmentally Hardened Available: Temperature (Operating) -40°C to +75°C, non-condensing

Fiber: Singlemode and Multimode

Transmission Distances Exceeding: 75km

Standards: UL, CE, RoHS – **LIFETIME WARRANTY**

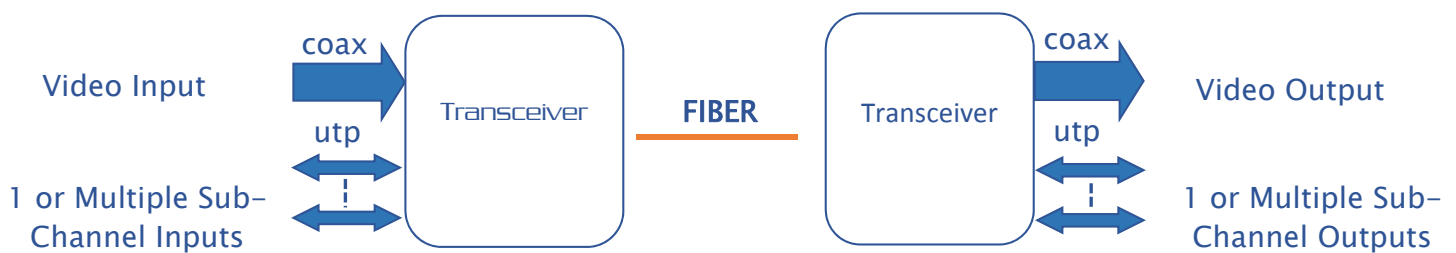
*Consult individual product datasheets for detailed specifications

More information, go to:

<http://americanfibertek.com/products/fiber-optics/multi-channel-video>

single channel video, data, contact closure, audio, ethernet

Single channel digital, or analog video transmission with multiple sub-channel options.



Package Options



3 RU Rack



Standalone



1 RU Rack/Module

General Characteristics

Video Performance Options: Analog, 8-Bit (Economy) or 10-Bit Digital (High Performance)

Environmentally Hardened Available: Temperature (Operating) -40°C to +75°C, non-condensing

Sub-Channel Options

Serial Data Support: Multi-Protocol (RS232, RS485, RS422, Manchester, Up-the-Coax)

Ethernet Support: 10/100 Base-TX or 10/100/1000 Base T

Contact Closures: Max Voltage 100 VDC or Peak AC – Max Current up to 1.0 A, Supervised or Unsupervised

Audio: Analog or 24-Bit Digital, Line Level Audio Interface

Fiber: Singlemode and Multimode

Transmission Distances Exceeding: 75km

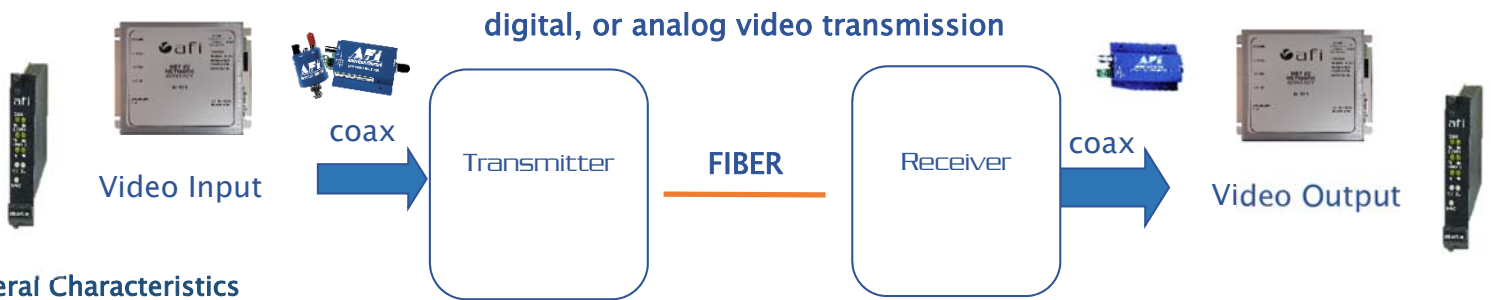
Standards: UL, CE, RoHS – **LIFETIME WARRANTY**

*Consult individual product datasheets for detailed specifications

More information, go to:

<http://www.americanfibertek.com/products/fiber-optics/single-channel-video>

single channel video



General Characteristics

Video Performance Options: FM Analog, 8-Bit (Economy) or 10-Bit Digital (High Performance)

Environmentally Hardened Available: Temperature (Operating) -40°C to $+75^{\circ}\text{C}$, non-condensing

Fiber: Singlemode and Multimode

Transmission Distances Exceeding: 75km

Standards: UL, CE, RoHS – **LIFETIME WARRANTY**

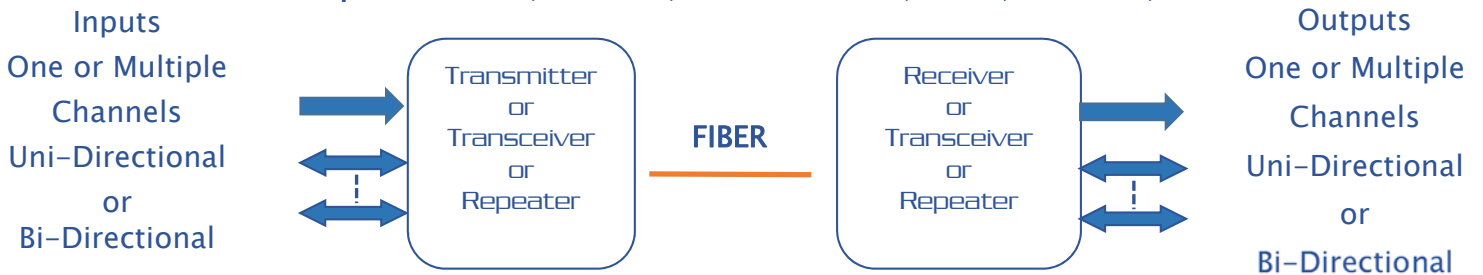
*Consult individual product datasheets for detailed specifications

More information, go to:

<http://americanfibertek.com/products/fiber-optics/single-channel-video>

data

multi-protocol data, ethernet, contact closure, audio, intercom, usb



Environmentally Hardened Available: Temperature (Operating) -40°C to $+75^{\circ}\text{C}$, non-condensing

Options Include:

Ethernet Support: 10/100 Base-TX or 10/100/1000 Base T

USB2.0

Contact Closures: Max Voltage 100 VDC or Peak AC – Max Current up to 1.0 A, Supervised or Unsupervised

Serial Data Support: Multi-Protocol (RS232, RS485, RS422, Manchester, Up-the-Coax)

Audio: Analog or 24-Bit Digital, Line Level Audio Interface

Intercom Formats: Aiphone, Commend, Dukane, TOA, Zenitel

Serial Digital Video: Multi-Rate SD / HD-SDI

Telephone: POTS Interface

Fiber: Singlemode and Multimode – **Transmission Distances Exceeding:** 75km

Standards: UL, CE, RoHS – **LIFETIME WARRANTY**

*Consult individual product datasheets for detailed specifications

More information, go to: Ethernet

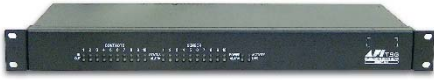
<http://www.americanfibertek.com/products/ip-ethernet>

More information, go to: Data

<http://www.americanfibertek.com/products/fiber-optics/data-rs-usb>

rack mounts and power supplies

1 RU, 3 RU and DIN Rail Options



Features:

- 19" EIA - 1 RU
- Universal 100-240vac 50/60hz Built-in Power Supply

Features:

- 19" EIA Subrack Frame - 3 RU
- Rear Power Bus to all plug-in cards
- Blank panels available for 1, 2, and 4 slots
- 100W DC Power Supply Module (included)
- Redundant Power Supplies Available

Features:

- DIN Rail Adapter

More information, go to: <http://americanfibertek.com/products/fiber-optics/subracks-power-supplies>

system status monitoring

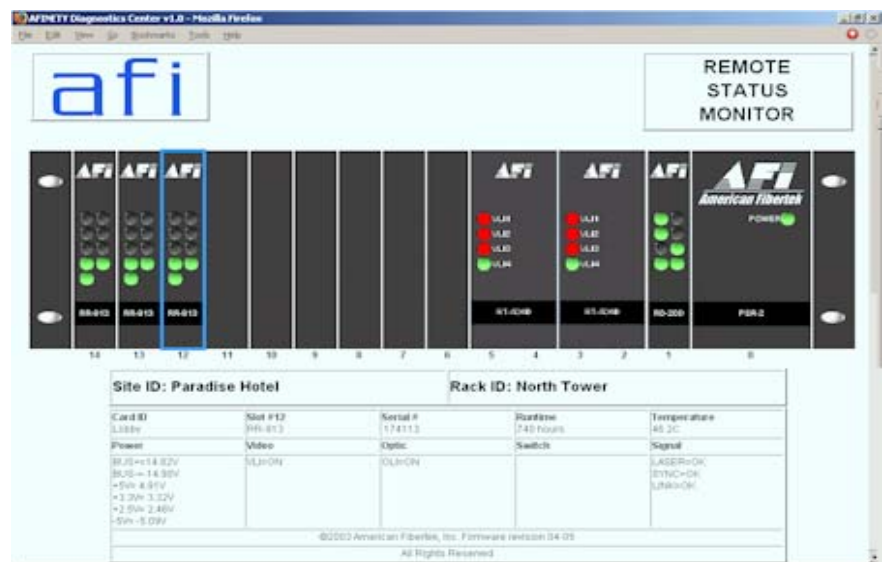
The AFINETY System is an innovative password protected remote monitoring system that allows instant verification of the status of an afi digital video system.

AFINETY is compatible with all web browsers with Java-script support including; MS IE, Firefox, Opera and Galleon. AFINETY will alert on "hard" or "soft" failures via e-mail. Alarms can be instantly evaluated and tech support can react accordingly.

AFINETY provides a direct ID/status link to each enabled transceiver in the system. Information includes site name and location, the sub-rack ID, the type of device in each sub-rack slot, device serial number and the unit run-time in hours. Status indicators include power, video level, optical loss, temperature, contact closure and signal verification

More information, go to:

<http://americanfibertek.com/products/fiber-optics/afinety-syseam-monitor>



afi has it all



Proudly Engineered and Manufactured in the USA



afi

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