

Overview

The IFS Fiberpak™ FP1101 fiber optic transmission kit includes everything you need to transmit a fixed CCTV signal on one multimode optical fiber. The kit includes one mini-transmitter designed for direct mounting onto the camera's BNC connector for easy installation. The transmitter can also fit inside most camera housings. A BNC feed-through connector is included when connecting the module directly to coaxial cable. The included receiver features Automatic Gain Control (AGC) that automatically maximizes contrast to ensure a consistent quality video signal. In addition the kit includes a 24VAC adapter for direct use with 24VAC camera power supplies. A wall mounted AC transformer for the receiver is included as well as a complete installation and operations manual. FiberPak™ Videolinks' Plug-and-play design and included accessories make selecting the right fiber optic modules for your installation easy.

Application Examples

Compatible with:

- Kalatel® Video and One-Way RS-422 Data
- Pelco® Video and One-Way Type "P" Data
- Pelco® Video and One-Way Type "D" Data
- Sensormatic AD® Video and One-Way Manchester Data
- Vicon® Video and One-Way Modupulse Data

Standard Features

- AM Video Transmitter
- NTSC, PAL, SECAM Compatible
- Power Supplies and Installation Manuals Included
- BNC Feed-through Connector Included for Connecting to Coaxial Cable
- No In-field Electrical or Optical Adjustments Required
- 24VAC Adapter available for Direct Use with 24VAC Camera Power Supply.
- AM Receiver with Full Range Automatic Gain Control (Installed at Monitor Location)
- Power Status Indicating LED to Monitor System Performance
- Full Color Compatibility
- Direct Camera Mountable
- Distances up to 2.5 miles (4 km) without Repeaters
- Comprehensive Lifetime Warranty

Fixed Video Transmission Kit

Transmit a fixed CCTV signal on one multimode optical fiber.



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T 305-593-4301
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gesecurity.com/ifs

Specifications subject to
change without notice

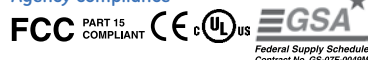
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Specifications

Video	
Video Input:	1 volt pk-pk (75 ohms)
Bandwidth:	5 Hz - 10 MHz
Differential Gain:	<5%
Differential Phase:	<5°
Tilt:	<1%
Signal-to-Noise Ratio (SNR):	60 dB
Wavelength	
850 nm, Multimode	
Number Of Fibers	
1	
Connectors	
Optical:	ST
Power and Data:	Terminal Block with Screw Clamps
Video and Sync:	BNC (Gold Plated Center-Pin)
Electrical & Mechanical	
Power:	
Transmitter:	24 VAC C.T. @ 50 mA
Receiver:	24 VAC @ 150 mA
Current Protection:	Automatic Resettable Solid-State Current Limiters
Circuit Board:	Meets IPC Standard
Size (in./cm.) (LxWxH)	
VT1101M:	2.5 x 1.6 x 1.0 in., 16.3 x 10.2 x 2.5 cm
VR1101M:	3.5 x 4.0 x 1.0 in., 17.8 x 12.5 x 2.5 cm
Shipping Weight:	< 2 lbs./0.9 kg
Environmental	
MTBF:	> 100,000 hours
Operating Temp:	-40° C to +74° C
Storage Temp:	-40° C to +85° C
Relative Humidity:	0% to 95% (non-condensing)†

†May be extended to condensation conditions by adding suffix '-C' to model number for conformal coating.

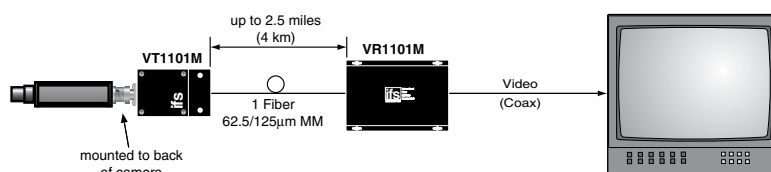
Agency compliance



Made in the USA

Complies with FDA Performance
Standard for Laser Products, Title 21,
Code of Federal Regulations, Subchapter J

System Design



Ordering Information

	Part Number	Description	Fibers Required	Optical Pwr. Budget	Max. Distance*
Multimode 62.5/125µm**	FP1101	FiberPak™ Video Transmitter (850 nm) FiberPak™ Video Receiver (850 nm)	1	14 dB 20 dB (-HP Option)	2.5 miles (4 km) 3.5 miles (5.5 km)
Accessories♦	PS-1101M 24 VAC Adapter (Available) PS-12VDC 12 Volt DC Plug-in Power Supply (Optional - Purchased Separately) PS-12VDC-230 12 Volt DC Plug-in Power Supply, 230 VAC Input (Included if specified at time of order)				

*Optical transmission distance is limited to optical loss of the fiber and any additional loss introduced by connectors, splices and patch panels.
Distance can also be limited by fiber bandwidth. **For 50/125 Fiber, subtract 4 dB from Optical Power Budget. ♦All accessories are third party manufactured.

