PRODUCT SPECIFICATION

# VT1101M SERIES
# AM VIDEO MINI TRANSMITTER – DIRECT CAMERA MOUNT



## DESCRIPTION

The IFS VT1101M series video mini-transmitter provides transmission of a fixed video signal using AM modulation on one multimode or single-mode fiber optic cable. The transmitter is direct camera mountable eliminating the use of coaxial cable at the camera connection and will fit in most camera housings. A BNC feed-through coupler is also supplied to connect to coaxial cable when not mounting the module directly to the camera. The VT1101M video transmitter is compatible with the IFS VR1000, VR1001, VR1100, and VR2100 series receivers, and the VT1130M is compatible with the VR1130. Plug-and-play design ensures ease of installation requiring no electrical or optical adjustments. The transmitter incorporates a power status indicating LED for monitoring proper system operation. The transmitter is available in a stand-alone version only.

## APPLICATION EXAMPLES

- CCTV (Fixed Video)

## FEATURES

- AM Video Transmission
- NTSC, PAL, SECAM Compatible
- Full Color Compatibility
- Direct Camera Mountable
- No In-field Electrical or Optical Adjustments Required
- Optional 24VAC Adapter Available for Direct Use with 24VAC Camera Power Supply.
- Power Status Indicating LED to Monitor System Performance
- Distances up to 26 miles (42 km) Without Repeaters
- VT1125M Distances up to 26 miles (42 km)
- Lifetime Warranty

Available at: www.ifs.com

- A & E Specifications, (CSI)
- AutoCAD Drawings
- Operation Manuals
- Technical Bulletins

## ORDERING INFORMATION

| | PART NUMBER | DESCRIPTION | FIBERS REQUIRED | OPTICAL PWR BUDGET | MAX. DISTANCE* |
|---|---|---|---|---|---|
| **MULTIMODE 62.5/125µm**** | VT1101M | Video Transmitter (850 nm) | 1 | 14 dB | 2.5 miles (4 km) |
| **SINGLE-MODE 9/125µm** | VT1130M | Video Transmitter (1310 nm) | 1 | 14 dB | 26 miles (42 km) |
| | VT1101M Series is compatible with: VR1000, VR1001, VR1100, VR1130, VR2100 Series Receivers | | | | |
| **OPTIONS** | PS-12VDC 12 Volt DC Plug-in Power Supply (Included)<br>PS-12VDC-230 12 Volt DC Plug-in Power Supply, 230 VAC Input (Included if specified at time of order)<br>PS-1101M 24 VAC Adapter (Optional, consult factory for availability)<br>Add '-C' for Conformally Coated Printed Circuit Boards (Extra charge, consult factory) | | | | |

*** 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.**

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