



## INSTALLATION AND OPERATION MANUAL

# FVT10

## VIDEO TRANSMITTER

The FVT10 single channel transmitter supports one independent AM video signal on one independent multimode optical fiber. The FVT10 video transmitter is compatible with the FVR10, FVR10M, FVR11, FVR11M, FVR21 and FVR22 receivers. Plug-and-play design ensures ease of installation requiring no electrical or optical adjustments. The FVT10 is interchangeable between stand-alone or card mount configurations.

See **Figure A** for mounting instructions.

FIGURE 1 – FVT10 TRANSMITTER

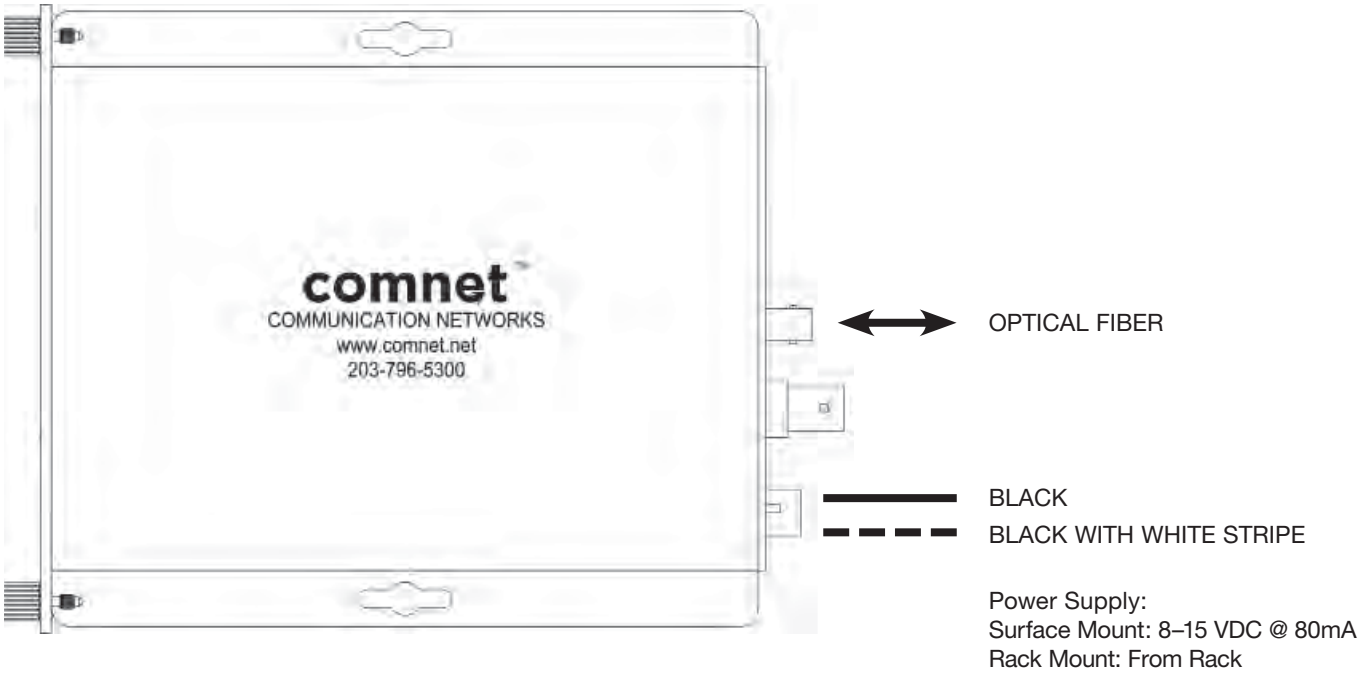


FIGURE 2 – FVT10 TRANSMITTER

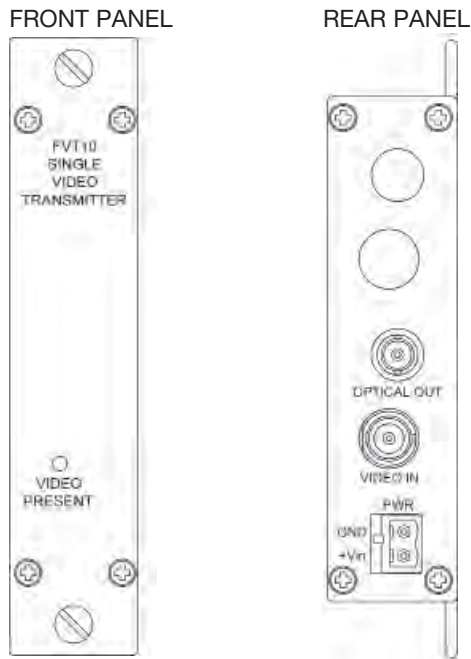


FIGURE 3 – LED INDICATOR

	VIDEO PRESENT
GREEN	A Video signal is present.
RED	No Video signal is present.
OFF	Unit not powered up.

NOTE: Remove Electrical Connector for Rack Mount Units

# MECHANICAL INSTALLATION INSTRUCTIONS

## INSTALLATION CONSIDERATIONS

This fiber-optic link is supplied as a Standalone/Rack module. Units should be installed in dry locations protected from extremes of temperature and humidity.

## C1-US, C1-EU, C1-AU OR C1-CH CARD CAGE RACKS

**CAUTION:** Although the units are hot-swappable and may be installed without turning power off to the rack, ComNet recommends that the power supply be turned off and that the rack power supply is disconnected from any power source. **Note:** Remove electrical connector before installing in card cage rack.

1. Make sure that the card is oriented right side up, and slide it into the card guides in the rack until the edge connector at the back of the card seats in the corresponding slot in the rack's connector panel. Seating may require thumb pressure on the top and bottom of the card's front panel.

**CAUTION:** Take care not to press on any of the LEDs.

2. Tighten the two thumb screws on the card until the front panel of the card is seated against the front of the rack.

**WARNING:** Unit is to be used with a Listed Class 2 or LPS power supply rated 8-15 VDC @ 80mA.

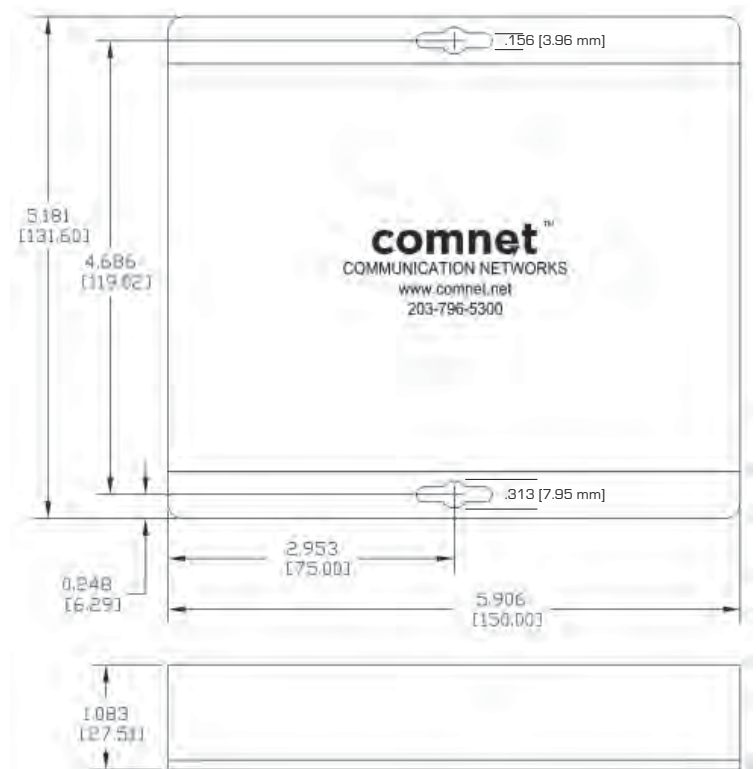
## IMPORTANT SAFEGUARDS:

**A) Elevated Operating Ambient** - If installed in a closed or multi-unit rack assembly, the operating ambient temperature of the rack environment may be greater than room ambient. Therefore, consideration should be given to installing the equipment in an environment compatible with the maximum ambient temperature (T<sub>ma</sub>) specified by the manufacturer.

**B) Reduced Air Flow** - Installation of the equipment in a rack should be such that the amount of air flow required for safe operation of the equipment is not compromised.

**FIGURE A**

Dimensions are for a standard ComNet one slot module



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