



## INSTALLATION AND OPERATION MANUAL

# FVT10C1(M,S)1/M Series

## 10-BIT DIGITALLY ENCODED VIDEO TRANSMITTER WITH CONTACT CLOSURE

The ComNet™ FVT10C1(M,S)1/M series video transmitters transmit one channel of video plus one contact closure over one optical fiber. The FVT10C1M transmitter is available in multimode and single-mode versions.

This FVT10C1M is compatible with the FVR10C1(M,S)1 and FVR20C2(M,S)2 series single and dual channel receivers. Plug-and-play design ensures ease of installation requiring no electrical or optical adjustments.

Bi-color (Red/Green) LED indicators are provided for rapidly ascertaining equipment operating status. Please see **Figure 3** on **Page 3** for explanations of the LED indicators.

These units have a small footprint and are ideal for mounting where space is limited or can be mounted inside equipment housing. Please see **Figure A** on **Page 4** for mounting instructions.

FIGURE 1 - FVT10C1 TRANSMITTER

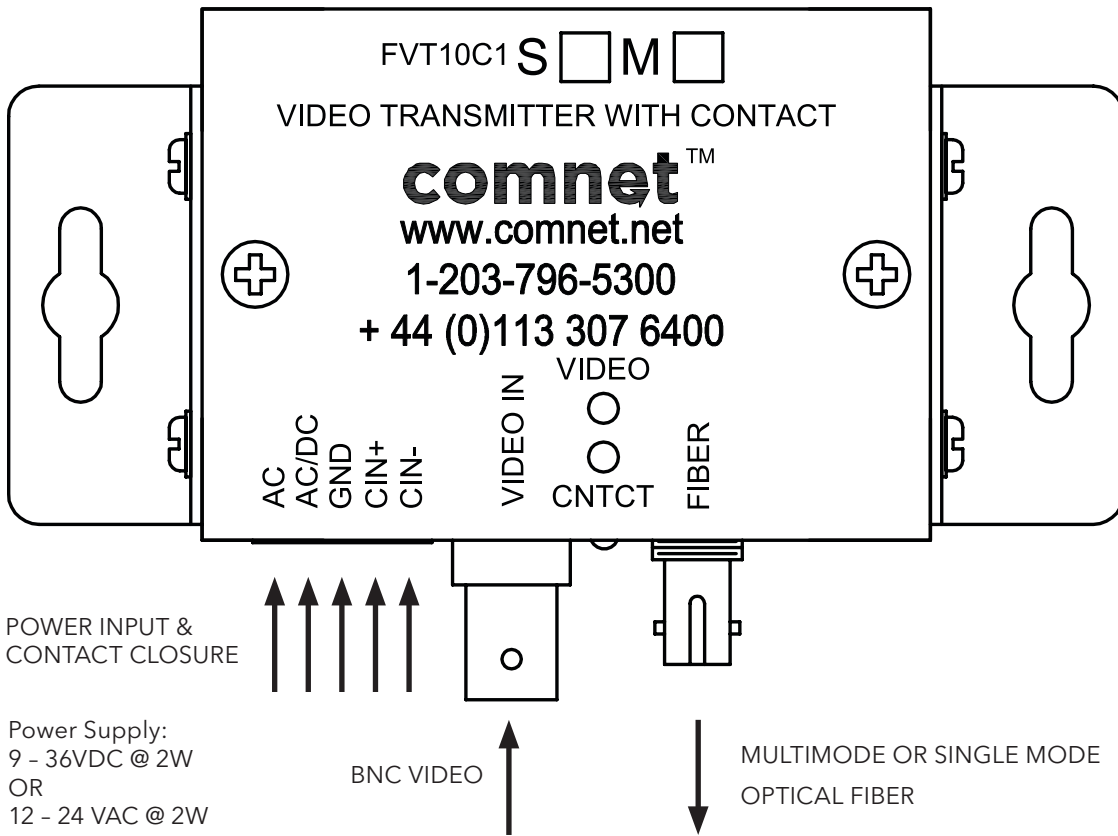
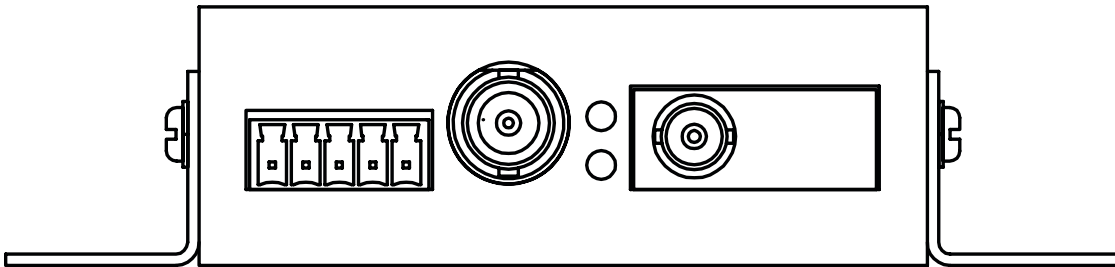


FIGURE 2 - FVT10C1 TRANSMITTER

FRONT PANEL



REAR PANEL

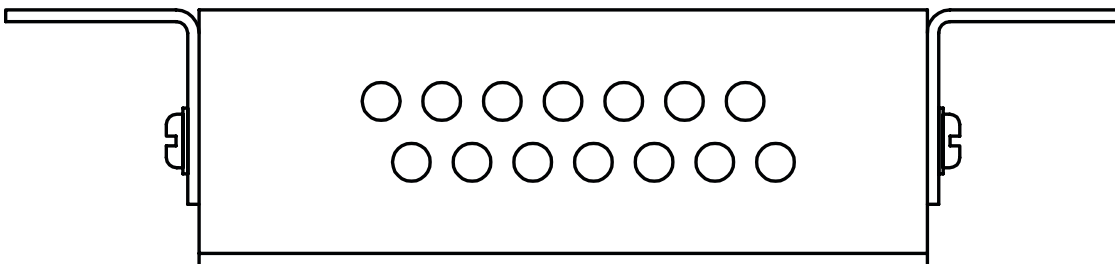


FIGURE 3 - LED INDICATORS

|              | <b>VIDEO</b>   | <b>CONTACT</b>           |
|--------------|--|--------------------------|
| <b>GREEN</b> | Incoming video signal is present on the channel.     | Contact input is closed. |
| <b>RED</b>   | Incoming video signal is not present on the channel. | -                        |
| <b>OFF</b>   | Unit powered down                                    | Contact input is open.   |

# MECHANICAL INSTALLATION INSTRUCTIONS

## INSTALLATION CONSIDERATIONS

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

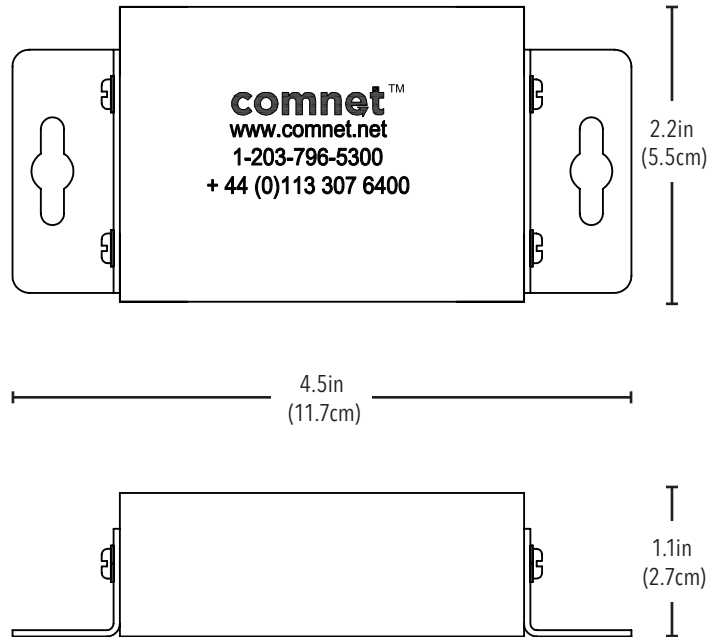
**WARNING:** Unit is to be used with a Listed Class 2 or LPS power supply.

### 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 ComNet™ FVT10C1 module*



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