



INSTALLATION AND OPERATION MANUAL

FVT1C1B(M,S)1-M

8-BIT DIGITALLY ENCODED VIDEO MINI TRANSMITTER WITH CONTACT CLOSURE

The FVT1C1B-M video mini-transmitter supports transmission of a fixed video and a contact closure signal using an 8-bit digitally encoded signal on one multimode or single mode fiber optic cable. These units are completely transparent to and universally compatible with any NTSC, PAL, or SECAM CCTV camera systems. The FVT1C1B-M video transmitter is compatible with the FVR4C4B receivers. Installation requires no electrical or optical adjustments.

The transmitter incorporates a bi-color (Red/Green) indicating LED for monitoring proper system operation.

The unit operates on 5VDC power.

The FVT1C1B mini unit operates as a standalone module only.

See **Figures 1 – 3** for complete installation details.

FIGURE 1 – FVT1C1B(M,S)1-M

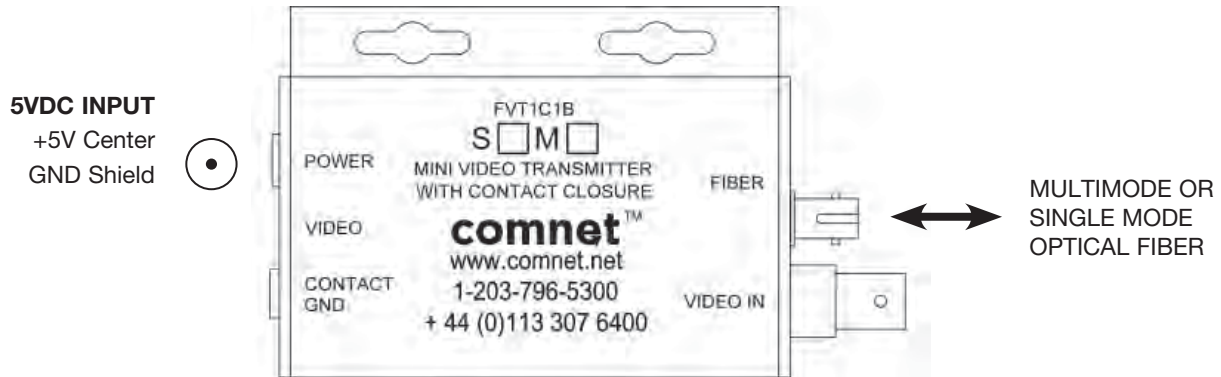


FIGURE 2 – FVT1C1B(M,S)1-M

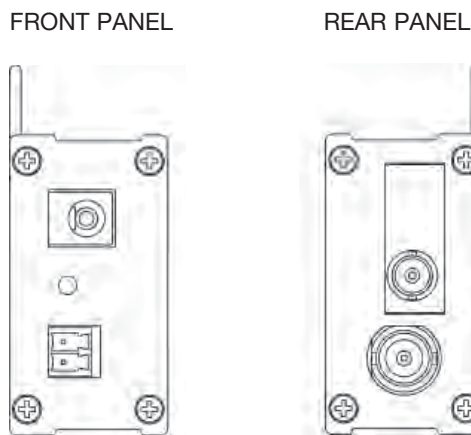
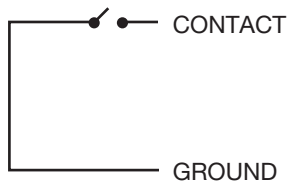


FIGURE 3 – LED INDICATOR

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

FIGURE 4 – CONTACT SETTINGS

Open Circuit 3.3V
Current Sink to Close ≤ 1mA



MECHANICAL INSTALLATION INSTRUCTIONS

INSTALLATION CONSIDERATIONS

This fiber-optic link is supplied as a Standalone 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 rated 5 VDC @ 1A.

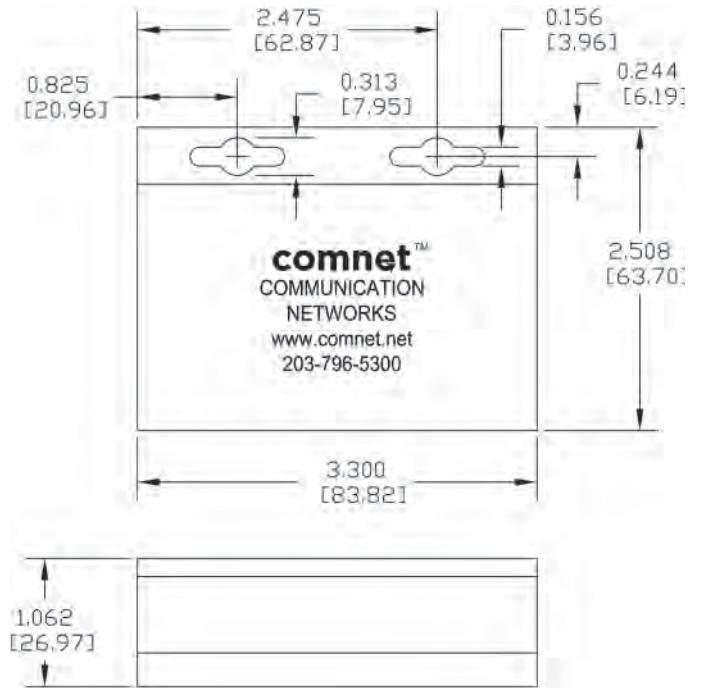
IMPORTANT SAFEGUARDS:

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_{ma}) 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™ “mini” module



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