

VIDEO TRANSMITTER

Video Transmitter for Vicon Fixed Camera Dome Roughneck v910

FEATURES:

- ◆ Plugs Directly into Dome Unit
- ◆ Compatible with NTSC; RS-170A & RS-343A and PAL
- ◆ Derives Power from Dome
- ◆ Module or Rack Card Receiver
- ◆ Completely Transparent Installation
- ◆ Small Profile

SPECIFICATIONS:

Video:

I/O Level 1 Vp-p
 I/O Impedance 75 Ohms
 Bandwidth 8 MHz
 Differential Gain 5%
 Differential Phase 3°
 SNR 55 dB

Optical:

Wavelength 850nm
 Loss Budget (62.5/125µm fiber) 12dB
 Connector ST

Temperature (Operating)

-40°C to +75°C, non-condensing

Power Supply:

Module Transmitter: +5 VDC @ 100 mA
 (From Vicon Dome)
 Module Receiver: +12 VDC: 150 mA
 (AFI Part#: PS-12R)
 Rack Card Receiver- from SR-20 Rack

Size:

Transmitter: 2.2" x 2.4" x ~ 3/4"
 Module Receiver: 4 1/4" x 4 1/4" x 1 1/8"
 Rack Card Requires One Rack Slot

Ordering Information:

MTM-143 = Module Transmitter

Example: MTM-143 to MRM-100C

Example: MTM-143 to RRM-100C

Example: MTM-143
 MTM-143 to RRM-30C
 MTM-143



The American Fibertek M143 Series is a low cost, low profile video transmitter. The video transmitter is specifically designed to plug into the Vicon camera dome. The system utilizes one multimode optical fiber to transmit video. Designed to be completely transparent, this system requires no field adjustments at installation or additional maintenance thereafter.

Compatible video receivers may be ordered as stand alone modules or rack cards that are mounted in the American Fibertek Card Cages: SR-20/2 or SR-20R/1.

