

8485 Series Multimode

MODELS:

MTX8485 - Video/Data Transmitter/Data Receiver
MRX8485 - Video/Data Receiver/Data Transmitter

FEATURES:

- Compatible with NTSC; RS-170A & RS-343A and PAL
- Diagnostics: Video, Data, Power and Optical Presence
- Switch Selectable 2 Wire or 4 Wire RS485
- Switch Selectable RS485 or (1) RS422 and (1) RS232
- Full Color Transmission
- Real Time Video Transmission
- Compatible with 500 Series Audio/Data Modulators & Demodulators
- PFM Transmission
- Wall or Rack Mount

SPECIFICATIONS:

Video:

I/O Level.....1 Vpp
 I/O Impedance.....75 Ohms
 Bandwidth.....10 MHz
 Differential Gain.....3 %
 Differential Phase.....2 °
 SNR.....55 dB
 Connector.....BNC

Data:

Data Rate.....up to 50 Kbps
 Data Connector.....8 Pin Screw Terminal

Optical (Fiber 62.5/125µ):

Wavelength.....850/1300 nm
 Loss Budget: Video/Data (1300 nm).....12 dB
 Loss Budget: Return Data (850 nm).....20 dB
 Maximum Transmission Distance.....5 km
 Connector.....ST

Temperature (Operating):




-40°C to +75°C, non-condensing

Power Supply:

Universal Power Input
 85 to 264 VAC, 47 to 63 Hz
 40 Watts Max.

Size:

1RU High, 19" Wide, 12" Deep

	- Dome Operation
	- 4 Channel Video
	- PS Data Link

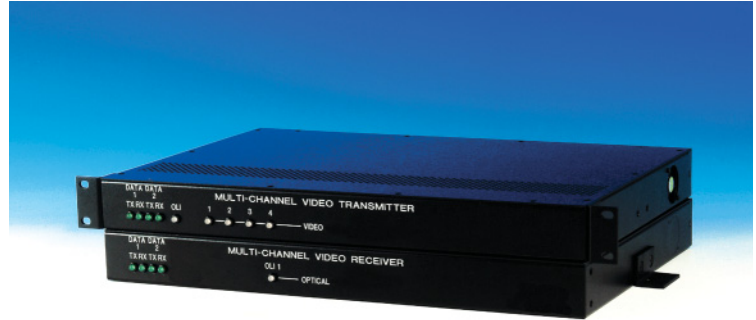
All products are listed under Closed Circuit Television Equipment File #E194293, "CE" approved, FCC Compliant Part 15.

Product specifications are subject to change without notice.
 ©2003 P.D.C.S. All rights reserved.

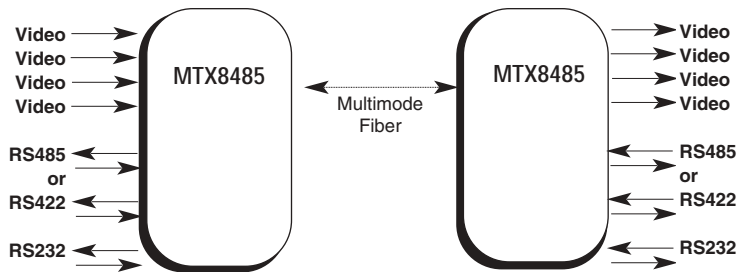


Single Fiber Four-Channel FM Video System

With Bi-Directional RS485 or RS422 and RS232



The **8485 Series**, designed for Panasonic Security System products, transmits four channels of high-quality video with switch selectable bi-directional RS485 data or bi-directional RS422 and RS232 on a single multimode optical fiber. Included in the circuit design is a switch selectable 2 or 4 wire configuration and the ability to select data line termination. Designed to be completely transparent to all camera and monitor manufacturers, this system requires no field adjustments at installation or additional maintenance thereafter. Diagnostic indicators provide a quick visual indication of system status. In addition, two sub-carriers can be added to each video channel using the 500 Series modulators and demodulators. Equipment may be mounted as stand alone modules or rack units by the position of the mounting brackets.



DISTRIBUTED BY:

Panasonic ideas for life

Panasonic Digital Communications & Security Company
 Unit of Matsushita Electric Corporation of America
Security Systems

Executive Office: Three Panasonic Way, Secaucus, NJ 07094
 Zone Offices:

Eastern: Three Panasonic Way, Secaucus, NJ 07094 (201) 392-4546
 Central: 1707 North Randall Road, Elgin, IL 60123 (847) 468-5211
 Western: 6550 Katella Avenue, Cypress, CA 90630 (714) 373-7840
www.panasonic.com/cctv