

DIGITAL 8CH VIDEO WITH BI-DIRECTIONAL 8CH DATA LINK

PRODUCT SPECIFICATION EL –8V8D1202 TX / RX SERIES



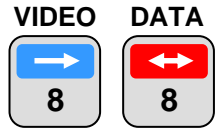
DESCRIPTION

The ELIM EL-8V8D1202 TX/RX series video/data transmitter/receiver supports simultaneous 8 channels of broadcasting quality video transmission of 10-Bit digitally encoded video and 8 channels of data transmission over a single-mode optical fiber. It is suitable for long haul transmission application without any noise and electromagnetic interference. The modules are universally compatible with major CCTV camera manufacturers.

Plug-and-play design ensures ease of installation without any electrical or optical adjustments. Each transceiver incorporates numeric or LED level displays for monitoring of proper system operation. It displays video signal levels and optical network status.

APPLICATION

- .CCTV, ITV and traffic control System
- .CATV System
- .Security System
- .Process control and monitoring System



FEATURES

- . 10-Bit high quality Digitally Encoded Video Transmission
- . Supports RS-232, RS-422 or RS-485 (2 –wire or 4-wire) Data Interfaces
- . Transmission Distances up to 190 Km
- . NTSC/PAL/SECAM compatible
- . Plug-and-Play Installation (Adjustment-Free)
- . Patented video level and optical network status display
- . Hot-Swappable Rack Modules
- . Integrated optic WDM(Wavelength Division Multiplexer)
- . Free voltage Power Input
- . Registration of EMI/EMC, K-Mark, UL certification
NEP, INNO-BIZ, Good Software and Venture Business

NMS (option)

- . Displays video level and optical network status.
- . Monitoring video input signal level & status for each site.
- . Provides optical cable network broken-down alarm.
- . Provides system operation history and management.

ORDERING INFORMATION

	PART NUMBER	DESCRIPTION	OPTICAL PWR BUDGET	MAX DISTANCE
SINGLE-MODE 9/125um	EL - 8V8D1202 TX EL - 8V8D1202 RX	8ch Video Transmitter / 8ch Data Transceiver 8ch Video Receiver / 8ch Data Transceiver	7dB	20Km
	EL - 8V8D1402 TX EL - 8V8D1402 RX	8ch Video Transmitter / 8ch Data Transceiver 8ch Video Receiver / 8ch Data Transceiver	13dB	40Km
	EL - 8V8D1602 TX EL - 8V8D1602 RX	8ch Video Transmitter / 8ch Data Transceiver 8ch Video Receiver / 8ch Data Transceiver	20dB	60Km