

DIGITAL 8ch VIDEO & 8ch DATA / 4ch ETHERNET LINK
PRODUCT SPECIFICATION EL – 8V8D4E1402 TX / RX SERIES



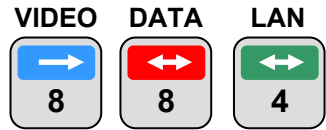
DESCRIPTION

The ELIM EL-8V8D4E1402 TX/RX series video/data transmitter/receiver supports simultaneous 8 channels of broadcasting quality video transmission of 10-Bit digitally encoded video, 8 channels of data and 4 channels of ethernet 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
- . IEEE802.3 10Base-T, 802.3u 100Base-TX & 100Base-FX
- . 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-8V8D4E1402 TX	8ch V Transmitter / 8ch D Transceiver / 4ch E Transceiver	13dB	40Km
	EL-8V8D4E1402 RX	8ch V Receiver / 8ch D Transceiver / 4ch E Transceiver		
	EL-8V8D4E1602 TX	8ch V Transmitter / 8ch D Transceiver / 4ch E Transceiver	20dB	60Km
EL-8V8D4E1602 RX	8ch V Receiver / 8ch D Transceiver / 4ch E Transceiver			
	EL-8V8D4E1802 TX	8ch V Transmitter / 8ch D Transceiver / 4ch E Transceiver	25dB	80Km
	EL-8V8D4E1802 RX	8ch V Receiver / 8ch D Transceiver / 4ch E Transceiver		