

**DIGITAL 6ch VIDEO & 6ch DATA / 4ch ETHERNET LINK**  
**PRODUCT SPECIFICATION EL – 6V6D4E1402 TX / RX SERIES**



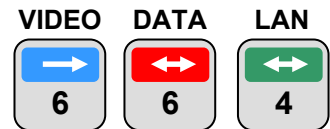
**DESCRIPTION**

The ELIM EL-6V6D4E1402 TX/RX series video/data transmitter/receiver supports simultaneous 6 channels of broadcasting quality video transmission of 10-Bit digitally encoded video, 6 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
		EL-6V6D4E1402 TX 6ch V Transmitter / 6ch D Transceiver / 4ch E Transceiver EL-6V6D4E1402 RX 6ch V Receiver / 6ch D Transceiver / 4ch E Transceiver	13dB	40Km
SINGLE-MODE 9/125um		EL-6V6D4E1602 TX 6ch V Transmitter / 6ch D Transceiver / 4ch E Transceiver EL-6V6D4E1602 RX 6ch V Receiver / 6ch D Transceiver / 4ch E Transceiver	20dB	60Km
		EL-6V6D4E1802 TX 6ch V Transmitter / 6ch D Transceiver / 4ch E Transceiver EL-6V6D4E1802 RX 6ch V Receiver / 6ch D Transceiver / 4ch E Transceiver	25dB	80Km