

**DIGITAL 2CH VIDEO WITH BI-DIRECTIONAL 1CH DATA LINK**  
**PRODUCT SPECIFICATION** **EL – 2VD1202 TX / RX SERIES**



**DESCRIPTION**

The ELIM EL-2VD1202 TX/RX series video/data transmitter/receiver supports simultaneous 2 channels of broadcasting quality video transmission of 10-Bit digitally encoded video and 1 channel 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 - 2VD1202 TX EL - 2VD1202 RX	2ch Video Transmitter / 1ch Data Transceiver 2ch Video Receiver / 1ch Data Transceiver	7dB	20Km
	EL - 2VD1402 TX EL - 2VD1402 RX	2ch Video Transmitter / 1ch Data Transceiver 2ch Video Receiver / 1ch Data Transceiver	13dB	40Km
	EL - 2VD1602 TX EL - 2VD1602 RX	2ch Video Transmitter / 1ch Data Transceiver 2ch Video Receiver / 1ch Data Transceiver	20dB	60Km
MULTI-MODE 62.5/125um	EL - 2VD1051 TX EL - 2VD1051 RX	2ch Video Transmitter / 1ch Data Transceiver 2ch Video Receiver / 1ch Data Transceiver	5dB	5Km