

DIGITAL 2ch VIDEO & 2ch AUDIO / 4ch DATA LINK
PRODUCT SPECIFICATION **EL – 2V2A4D1202 TX / RX SERIES**



DESCRIPTION

The ELIM EL-2V2A4D1202 TX/RX series video/data transmitter/receiver supports simultaneous 2 channels of broadcasting quality video transmission of 10-Bit digitally encoded video, 2 channels of audio and 4 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

	VIDEO	AUDIO	DATA
	2	2	4

FEATURES

- . 10-Bit high quality Digitally Encoded Video Transmission
- . Supports RS-232, RS-422 or RS-485 (2 –wire or 4-wire) Data Interfaces
- . 600 Ohms unbalanced digital audio
- . 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-2V2A4D1202 TX EL-2V2A4D1202 RX	2ch V Transmitter / 4ch D Transceiver / 2ch A Receiver 2ch V Receiver / 4ch D Transceiver / 2ch A Transmitter	7dB	20Km
SINGLE-MODE 9/125um	EL-2V2A4D1402 TX EL-2V2A4D1402 RX	2ch V Transmitter / 4ch D Transceiver / 2ch A Receiver 2ch V Receiver / 4ch D Transceiver / 2ch A Transmitter	13dB	40Km
	EL-2V2A4D1602 TX EL-2V2A4D1602 RX	2ch V Transmitter / 4ch D Transceiver / 2ch A Receiver 2ch V Receiver / 4ch D Transceiver / 2ch A Transmitter	20dB	60Km