

DIGITAL 2ch VIDEO & 1ch AUDIO / 1ch DATA LINK
PRODUCT SPECIFICATION **EL – 2VAD1202 TX / RX SERIES**



	VIDEO	AUDIO	DATA
	2	1	1

DESCRIPTION

The ELIM EL-V2AD1202 TX/RX series video/data transmitter/receiver supports simultaneous 2 channel of broadcasting quality video transmission of 10-Bit digitally encoded video, 1 channel of audio 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
- . 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
SINGLE-MODE 9/125um	EL-2VAD1202 TX	2ch V Transmitter / 1ch D Transceiver / 1ch A Receiver	7dB	20Km
	EL-2VAD1202 RX	2ch V Receiver / 1ch D Transceiver / 1ch A Transmitter		
	EL-2VAD1402 TX	2ch V Transmitter / 1ch D Transceiver / 1ch A Receiver		
	EL-2VAD1402 RX	2ch V Receiver / 1ch D Transceiver / 1ch A Transmitter	13dB	40Km
	EL-2VAD1602 TX	2ch V Transmitter / 1ch D Transceiver / 1ch A Receiver	20dB	60Km
	EL-2VAD1602 RX	2ch V Receiver / 1ch D Transceiver / 1ch A Transmitter		
MULTI-MODE 62.5/125um	EL-2VAD1051 TX	2ch V Transmitter / 1ch D Transceiver / 1ch A Receiver		
	EL-2VAD1051 RX	2ch V Receiver / 1ch D Transceiver / 1ch A Transmitter		