

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



**DESCRIPTION**

The ELIM EL-VAD1202 TX/RX series video/data transmitter/receiver supports simultaneous 1 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

**VIDEO**

**AUDIO**

**DATA**

**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**

	<b>PART NUMBER</b>	<b>DESCRIPTION</b>	<b>OPTICAL PWR BUDGET</b>	<b>MAX DISTANCE</b>
<b>SINGLE-MODE 9/125um</b>	EL-VAD1202 TX EL-VAD1202 RX	1ch V Transmitter / 1ch D Transceiver / 1ch A Receiver 1ch V Receiver / 1ch D Transceiver / 1ch A Transmitter	7dB	20Km
	EL-VAD1402 TX EL-VAD1402 RX	1ch V Transmitter / 1ch D Transceiver / 1ch A Receiver 1ch V Receiver / 1ch D Transceiver / 1ch A Transmitter	13dB	40Km
	EL-VAD1602 TX EL-VAD1602 RX	1ch V Transmitter / 1ch D Transceiver / 1ch A Receiver 1ch V Receiver / 1ch D Transceiver / 1ch A Transmitter	20dB	60Km
<b>MULTI-MODE 62.5/125um</b>	EL-VAD1051 TX EL-VAD1051 RX	1ch V Transmitter / 1ch D Transceiver / 1ch A Receiver 1ch V Receiver / 1ch D Transceiver / 1ch A Transmitter	5dB	5Km