

# EL-LVD1202

DIGITAL VIDEO+DATA LINK



## Description

본 제품은 카메라와 모니터 또는 콘트롤 키보드와 리시버 BOX간의 영상 및 콘트롤 데이터를 광케이블 1core로 전송하는 보급형 장비이다.

## Features

- 고품질의 영상 및 데이터 전송
- 10 bit Digital link
- RS-232C, RS-422, RS-485 지원
- 광통신의 광학적특성을 이용한 장거리 무중계 전송 (최대 전송가능거리 120Km)
- 영상신호 표시 & 광 케이블 단선표시 LED 내장
- AC 110V / 220V 겸용
- NTSC, PAL, SECAM 지원

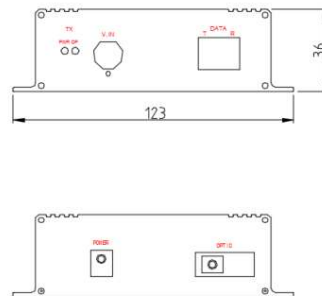
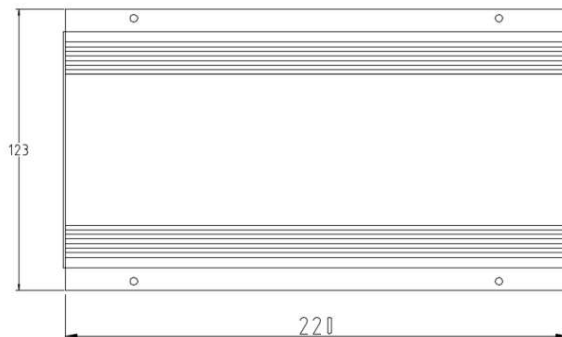
## Ordering Information

	PART NUMBER	DESCRIPTION	OPTICAL PWR BUDGET	MAX DISTANCE (Option)
SINGLE-MODE 9/125um	EL - LVD1202 TX	Video Transmitter / Data Transceiver	7dB	20Km
	EL - LVD1202 RX	Video Receiver / Data Transceiver		
	EL - LVD1402 TX	Video Transmitter / Data Transceiver	13dB	40Km
	EL - LVD1402 RX	Video Receiver / Data Transceiver		

경기도 수원시 권선구 산업로 155번길 234, 2동 4층 / Tel : 031-257-7157 / Fax : 031-257-7159

E-mail : h0824@elimopt.co.kr / Web : http://www.elimopt.co.kr/

## Dimensions



W123 x H36 x D220



INNOBIZ



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## VIDEO

Video Input : 1 volt pk-pk ( 75 ohms )

Video Bandwidth : 10 Hz – 6.5 MHz

Video channel : 1ch

Differential Gain : <1%

Differential Phase : <1°

Signal-to-Noise Ratio : >63dB

## DATA

Data Interface : RS-232,RS-422, RS-485, with Tri-State

Data Format : NRZ, RZI, Manchester, Bi-phase

Data Rate : DC – 2Mbps(NRZ)

Data channel : 1ch

Bit Error Ratio: < 1 in 10 E-9

Operating Mode: Simplex or Full-Duplex

## WAVELENGTH

1310/1550nm

## OPTICAL EMITTER

Laser Diode

## NUMBER OF FIBER

1Core

## LED INDICATORS

Video Transmitter/ Data Transceiver

- Power LED
- RX, TX Data LED
- Video LED

Video Receiver/ Data Transceiver

- Power LED
- Fiber optic cable status alarm
- RX, TX Data LED

## CONNECTORS

Video : BNC

Data : RJ-45

Optical : SC Connector

## ELECTRICAL&MECHANICAL

Power : 12 VDC @ 1.2A

Surface Mount : From Rack

Number of Rack Slots : 12

Power Consumption : 1 card ( 0.3A)

Current Protection : Automatic Resettable Solid-State Current limiters

## SIZE( WxHxD )

Module Type : 123 x 36 x 220mm

3u Card Type : 25 x 128 x 224mm

1u Rack Mount : 483 x 44 x 300mm

3u Rack Mount : 483 x 132 x 275mm

## ENVIRONMENTAL

MTBF : > 100,000 hours

Operating Temp : -20°C to +70°C

Storage Temp : -40°C to +85°C

Relative Humidity : 0% to 95% (non-condensing)