

EL-2VD1202

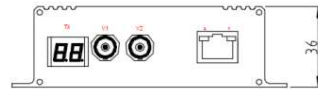
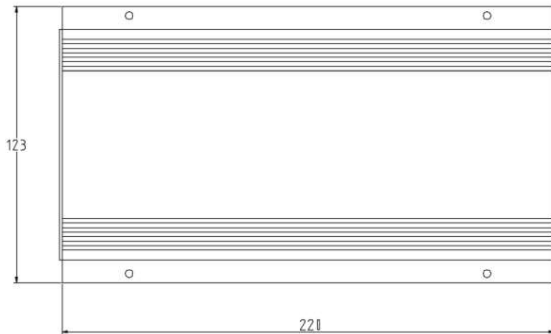
DIGITAL VIDEO+DATA LINK



INNOBIZ



Dimensions



W123 x H36 x D220

Description

본 제품은 카메라와 모니터간의 영상 2채널 및 콘트롤 키보드와 리시버 BOX간의 양방향 콘트롤 데이터 1채널을 광케이블 1core로 전송하는 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 40Km)
- 영상신호 수치값 표시& 광 케이블 단선표시기능 내장
- AC 110V / 220V 겸용
- 채널별 영상 입,출력 전압 표시용 세븐세그먼트, LED내장
- NTSC, PAL, SECAM 지원

Ordering Information

	PART NUMBER	DESCRIPTION	OPTICAL PWR BUDGET	MAX DISTANCE (Option)
SINGLE-MODE 9/125um	EL - 2VD1202 TX EL - 2VD1202 RX	Video Transmitter / Data Transceiver Video Receiver / Data Transceiver	7dB	20Km
	EL - 2VD1402 TX EL - 2VD1402 RX	Video Transmitter / Data Transceiver Video Receiver / Data Transceiver	13dB	40Km

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EL-2VD1202



VIDEO

Video Input : 1 volt pk-pk (75 ohms)
Video Bandwidth : 10 Hz – 6.5 MHz
Video channel : 2ch
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 channel : 1ch
Data Rate: DC – 2Mbps(NRZ)
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
-Video input level display (7 segment)
-RX, TX Data LED

Video Receiver/ Data Transceiver
-Video output level display (7 segment)
-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 (0.35A)
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)