

EL-HSDE1202

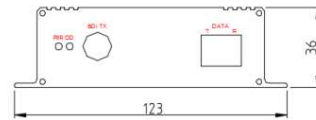
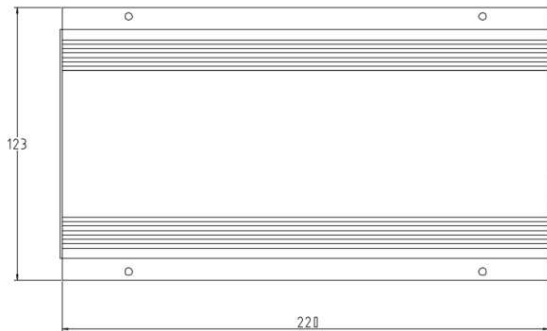
Digital HD-SDI+Data+Ethernet LINK



INNOBIZ



Dimensions



W123 x H36 x D220

Description

본 제품은 HD-SDI 영상신호와 콘트롤 키보드, 리시버 BOX간의 양방향 콘트롤 데이터 1채널 및

네트워크 양방향 Ethernet신호 1채널을 광케이블 1core로 전송하는 장비이다.

Features

- 고품질의 HD-SDI , Data, Ethernet 전송
- 10bit Digital Link
- RS-232C, RS-422, RS-485지원
- 10/100M Network 전송
- 광통신의 광학적 특성을 이용한 장거리 무 중계 전송(최대 전송 가능거리 40Km)
- SMPTE 424M, 292M, 259M

Ordering Information

	PART NUMBER	DESCRIPTION	OPTICAL PWR BUDGET	MAX DISTANCE (Option)
SINGLE-MODE 9/125um	EL - HSDE1202 TX EL - HSDE1202 RX	HD-SDI TX + D T/RX + E T/RX HD-SDI RX + D T/RX + E T/RX	8dB	20Km
	EL - HSDE1402 TX EL - HSDE1402 RX	HD-SDI TX + D T/RX + E T/RX HD-SDI RX + D T/RX + E T/RX	16dB	40Km

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HD-SDI	Video Input: Level :	270M~2,970Mbps, DVB-ASI
	Video Output Level :	800mV p-p, 75Ω
	SMPTE	424M - 3G SDI 60p (1920*1080_2.970Gbps) 292M - HD SDI 60i (1920*1080_1.485Gbps) 259M - SD SDI 30i (720*468_270Mbps)
	SMPTE	292M Alignment Jitter(100KHz) : <0.2 UI Timing Jitter(10Hz) : <1.0 UI
DATA	Data Rate :	DC-2Mbps(NRZ)
	Data Interface :	RS-232C, RS-422, RS-485
	Operating Mode :	Simplex / Full-Duplex
	Data Error Rate :	< 1 in 10 E-9
ETHERNET	Protocol :	IEEE 802.3/802.3u
	Duplex Mode :	Full or Half Duplex
	Frame :	803/8033 fps
	BER :	Better than 10e-10
	HD-SDI 1CH / Audio 1CH/ Data 1CH/ Ethernet 1CH	
WAVELENGTH	1490~1550nm	
OPTICAL EMITTER	Laser Diode	
NUMBER OF FIBER	1Core	
LED INDICATORS	Video Transmitter -. Video Status LED -. Power LED	
	Video Receiver -. Video Status LED -. Power LED	
CONNECTORS	HD-SDI	BNC
	Data	RJ-45
	Ethernet	RJ-45
	Optical	SC Connector

ELECTRICAL & MECHANICAL

Power	12VDC @ 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)

TX

Module Type	123 x 35 x 220mm
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RX

Module Type	125 x 35 x 220mm
3u Card Type	25 x 129 x168mm

ENVIRONMENTAL

MTBF	> 100,000 hours
Operating Temp	-5°C to +70°C
Storage Temp	-25°C to +80°C
Relative Humidity	5% to 95% (non-condensing)