

# DIGITAL HDMI(DVI) LINK ( MEGA PIXEL )

## PRODUCT SPECIFICATION

### EL - HD2202 TX / RX LINK



HDMI(DVI)



## DESCRIPTION

본 제품은 HDMI / DVI 신호를 광으로 변환하여 전송하는 장비로서 1개의 신호를 광케이블 1Core로 전송 하는 광 전송 기기이다. 해상도는 UXGA(PC), 480i ~ 1080p(TV)으로 고품질의 신호를 전송한다.

## APPLICATION

- . ITV and traffic control System
- . Security System
- . Medical System

## FEATURES

- 비압축 방식의 디지털 영상 전송
- 광통신의 광학적 특성을 이용한 장거리 무 중계 전송 (최대 전송 가능거리 40Km)
- Full-HD 1920 x 1080 해상도 지원
- 전자파, 벤처기업, 이노비즈, GS 인증

## ORDERING INFORMATION

	PART NUMBER	DESCRIPTION	OPTICAL PWR BUDGET	MAX DISTANCE (Option)
SINGLE-MODE 9/125um	EL - HD2202 TX	1Core 1CH HDMI Transmitter	8dB	10Km
	EL - HD2202 RX	1Core 1CH HDMI Receiver		

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## EL – HD2202 TX / RX LINK

### SPECIFICATIONS

#### HDMI

HDMI Input: HDMI / DVI Signal

Video Pixel: 1920 x 1080

Full-HD 1920 x 1080 해상도 지원

HDMI Version: HDMI 1.3

HDCP: HDCP1.2

**WAVELENGTH** 1310/1550nm

**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

HDMI: HDMI 19 Pin Cable

Optical: SC Connector

#### ELECTRICAL & MECHANICAL

Power: 5VDC @ 1.2A

Surface Mount: From Rack

Number of Rack Slots: 12

Current Protection: Automatic Resettable Solid-State Current limiters

Power Consumption 3.5W

#### Size( WxHxD )

Module Type 157.5 x 29 x 81mm

#### ENVIRONMENTAL

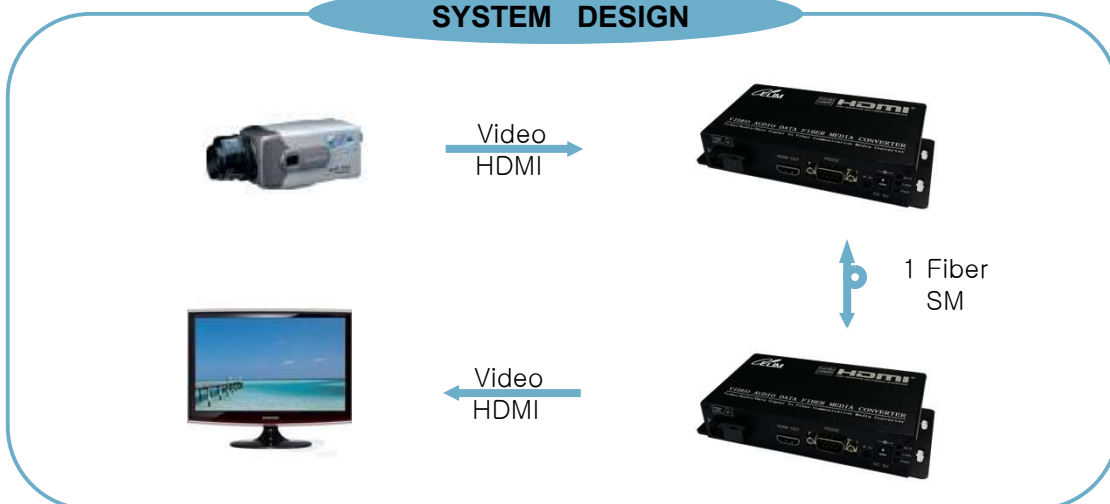
MTBF: > 100,000 hours

Operating Temp: -20°C to +70°C

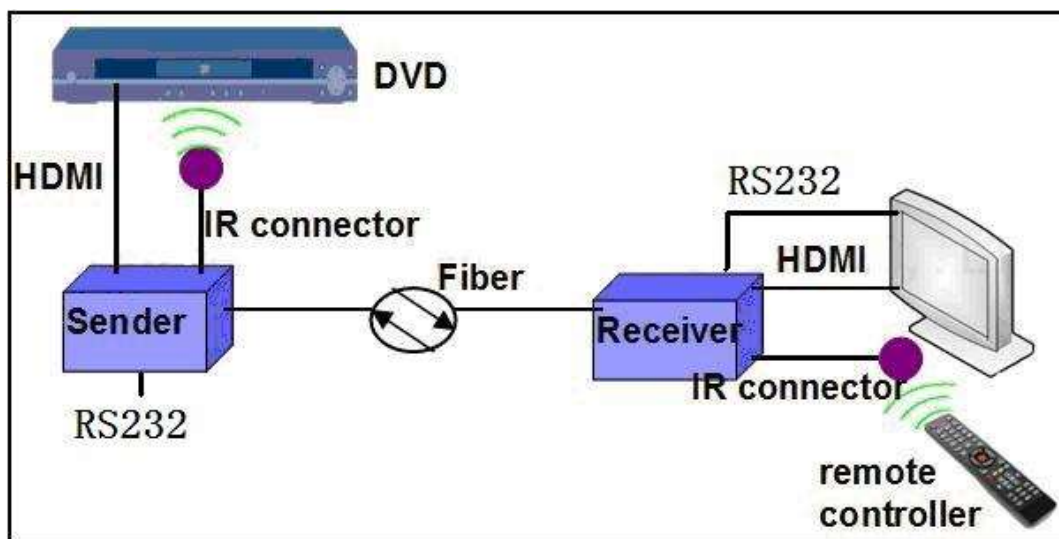
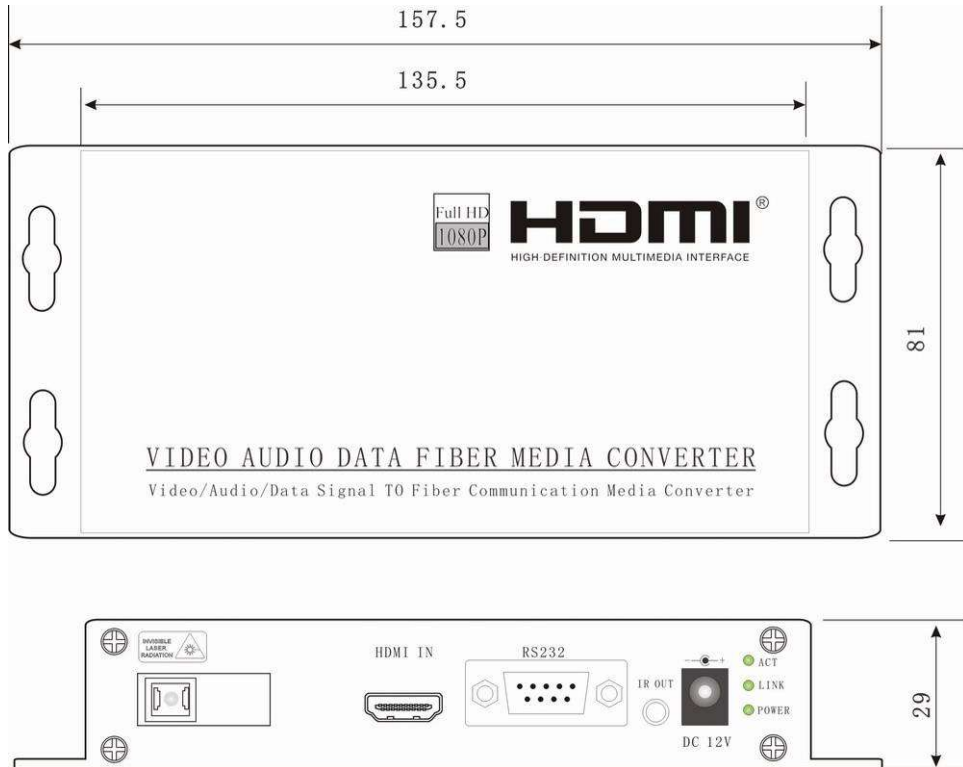
Storage Temp: -45°C to +80°C

Relative Humidity: 5% to 90% (non-condensing)

### SYSTEM DESIGN



## Module Type Dimension



Data 통신(Optional 사항)