

HDMI 1.4 Video Optical Extender

FSE-H10G-T/FSE-H10G-R

Features

- Compliant with HDMI 1.4
- Support uncompressed 4K/3D/1080p HD signal transmission
- Support uncompressed 10Gbps data rate
- Support HDCP/EDID/DDC/Audio
- Plug and play without software
- HDMI A-type interface (CEC not supported)
- Power/Working condition indicated by LED light
- Up to 300m on MMF with HDCP requirement
- Up to 40km on SMF (single fiber or dual fiber, with HDCP shunt/decoding box)



Description

The FiberStamp HDMI 1.4 video optical extender can realize signal long-distance transmission through HDMI - 10G Optical signal conversion and signal transmit-receive through optical fibers and modules. Each extender consists of a transmitter and receiver linked with optical fibers: transmitter connects to HDMI Source while receiver connects to HDMI Sink. When using dual fiber 10G SFP+ optical modules, optical fibers need to be cross-connected. For instance, receive port of transmitter module needs to connect with transmit port of receiver module.

Hardware Configuration

LED	Display	Description
LED1	Off	TX NG
	Green	TX OK
LED2	Off	RX NG
	Green	RX OK
LED3	Off	Power down
	Green	Power on
LED4	Off	HDMI OK
	Green	No HDMI

Absolute Maximum Ratings

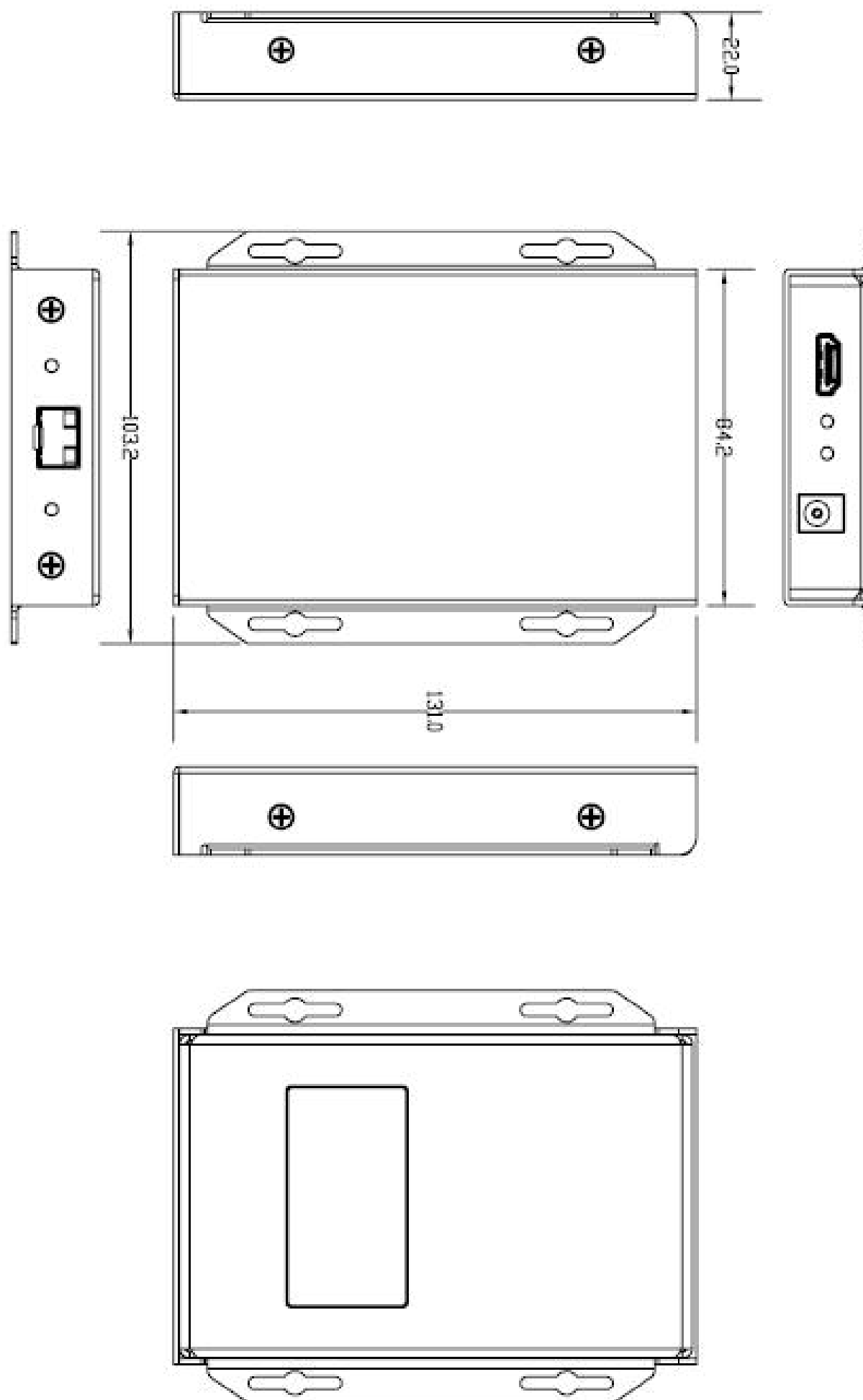
Parameter	Symbol	Min	Max	Unit
Supply Voltage	Vcc	-0.5	6	V
Storage Temperature	Ts	-10	+70	°C



Technical Specifications

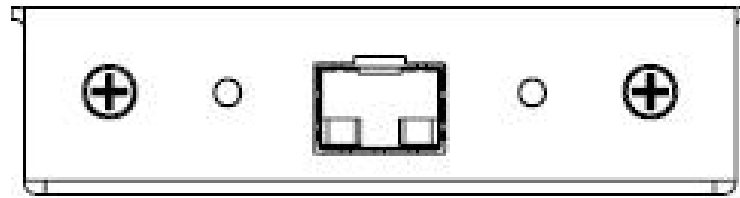
Parameter		Symbol	Min	Typical	Max	Unit
Operating Case Temperature	Standard	Tc	0		+50	°C
Operating Humidity		-	5		85 (non-condensing)	%
Power Supply Voltage		Vcc	4.5	5	5.5	V
Power Supply Current		Icc			250	mA
Physical Dimensions			130(W)x84(D) x22(H)			mm

Mechanical Dimensions

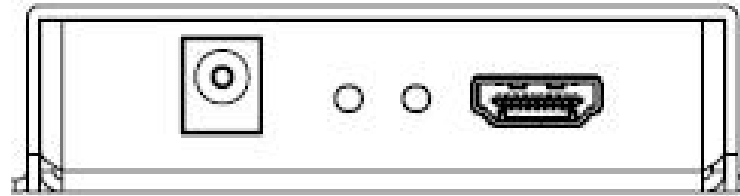


Unit: mm





Led1 SFP LED2



DC 5V LED3 LED4 HDMI

Ordering Information

Part Number	Description
FSE-H10G-T	HDMI 1.4 Video Optical Extender, Transmitter, SFP Port, HDMI Type-A
FSE-H10G-R	HDMI 1.4 Video Optical Extender, Receiver, SFP Port, HDMI Type-A

Important Notice

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