深圳易天光通信有限公司
ETU-LINK TECHNOLOGY CO., LTD

EMIU-1100-SSXX
Industrial SFP to Ethernet Converter

The Ethernet converter uses store-forward architecture,fan-less and energy-saving design.The design complies with the Ethernet standard with lightning and anti-static protection. They apply to the wide range of operating temperature from -40°C to +85°C with stable and reliable performance. They can be widely applied to various broadband data transmission fields, such as intelligent transportation, Telecommunications, security, financial securities, customs, shipping, power, water conservancy and oil fields.

Features

➢ Works at 100/1000Mbps in Full-Duplex mode for both TX port and FX port
➢ Supports Auto MDI/MDIX for TX port
➢ Force /Auto transfer mode for FX port
➢ FX port support hot-swappable
➢ Extends‑fiber distance up to 0.55/2km for multi-mode‑fiber and 10/20/40/80/100/120km for single-mode‑fiber
➢ Easy-to-view LED indicators provide status to monitor network activity easily
➢ USB Interface power supply

Specifications

Port	Fiber	1*1000 Base-X
	RJ45	1*10/100/1000 Base-T
	Power	Phoenix terminal blocks, redundant
Distance	Twisted-pair	0-100meter
	Single mode Optical Fiber	0~120km
	Multi-mode Optical Fiber	550m/2km
Fiber	Wavelength	Dual fiber 850nm, 1310nm, 1550nm Single fiber 1310/1550nm, 1490/1550nm
	Connector	LC(default)/SC
Networking	Star/Bus/Tree Topology	Support
	Scale	Non-limitation
Power	Input Voltage for terminal block power type	DC10-58V
	Input Voltage for usb type	DC5V

	Power Consumption	<5W
Mechanical Structure	Installation Method	Din-rail
	Case	Fan-less, natural cooling
Working Environment	Operating Temperature	-40℃~+85℃
	Storage Temperature	-40℃~+85℃
	Relative Humidity	5%~95% (non-condensing)
	MTBF	100,000 Hours
Protection Level	IP Level	IP40
	Power -Surge Protection	IEC 61000-4-5 Level 3 (4KV/2KV) （8/20us)
	Ethernet Surge Protection	IEC 61000-4-5 Level 3 (4KV/2KV) （10/700us)
	EMI	CLASS A
	ESD	IEC 61000--4-2 Level 4 (8K/15K)
	Free-drop	0.5meter
	Anti-static	8KV-15KV