ELOS-8TX

8*10/100Base-T
Unmanaged Industrial Switches

Input Voltage: DC 12-58V

Operating Temperature: -30℃ ~ +70℃

Shell: IP40 protection, fanless design

Test Report: CCC, RoHS, FCC, CE

Anti-static: 8KV-15KV
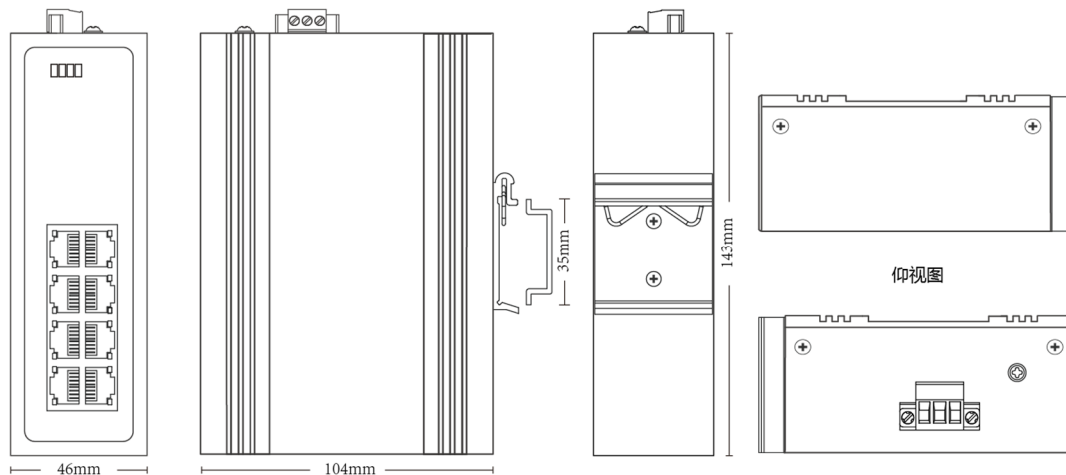
MTBF: 100000 Hours

PRODUCT DESCRIPTION

This device 8*10/100Base-T Industrial Ethernet Switches, PoE is optional. Through the fanless heat dissipation circuit design, wide range of working environment temperature, high protection level and other technologies, it provides excellent industrial quality with high/low temperature resistance and lightning protection and enhances the reliability and safety of industrial networks. The device 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.

PRODUCT DESCRIPTION

Provider Mode Ports	
Fixed port	8*10/100ase-T
Power interface	Phoenix terminal, dual power supply
LED Indicators	PWR, Link/ACT LED
Cable Type & Transmission Distance	
Twisted-pair	0-100m (CAT5e, CAT6)
Monomode optical fiber	/
Multimode optical fibre	/
Network Topology	
Ring topology	Unsupported
Star topology	Support
Bus topology	Support
Tree Topology	Support
Electrical Specifications	
Input voltage	DC12-58V
Total Power consumption	<5W
Layer 2 Switching	
Switching capacity	1.8G
Packet forwarding rate	1.33Mpps
MAC address table	2K
Buffer	512K
Forwarding delay	<4us
MDX/MIDX	Support
Jumbo frame	2048 Byte
Environment	
Operating temperature	-30℃~+70℃
Storage temperature	-30℃~+75℃
Relative humidity	10%~90% (non-condensing)

Thermal methods	Fanless, natural cooling
MTBF	100,000 hours

Mechanical Dimensions

Product size	46X104X143mm
Installation Method	DIN-rail
Weight	0.65KG

EMC & Ingress Protection

IP Level	IP40
Surge protection of Power	IEC 61000-4-5　Level 3 (4KV/2KV)　(8/20us)
Surge protection of Ethernet port	IEC 61000-4-5　Level 3 (4KV/2KV)　(10/700us)
ESD	IEC 61000-4-2 Level 4　(8K/15K)

Authentication

Authentication	CCC/CE/FCC/RoHS

Box Contents

Contents	Device, Terminals, Specification, Certificate Adapter(optional)

Optional Model

ELOS-8TP	8*10/100M RJ45 Port, PoE & PoE+

SIZE AND APPEARANCE

Front view　　　　　Side view　　　　　Back view　　　　Top view