BSD-IPES-0005T

MAIN FEATURES

5*10/100Base-T

Industrial Ethernet PoE Switches

Input Voltage: DC12-58V(Non-PoE),
DC48~58V(PoE)

Operating Temperature: -40℃ ~ +85℃

Shell: IP40 protection, fanless design

Test Report: CCC, RoHS, FCC, CE

Anti-static: 8KV-15KV

MTBF: 100000 Hour

PRODUCT DESCRIPTION

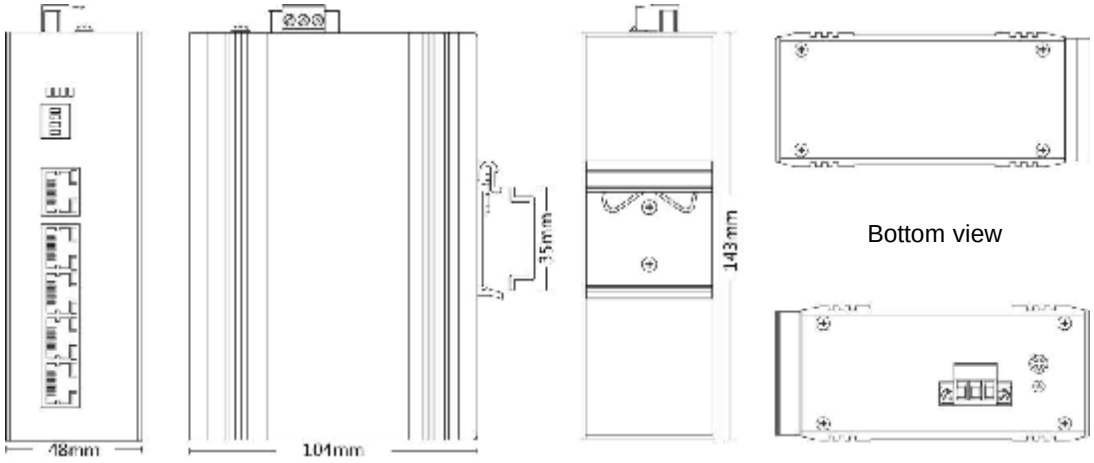
This device is 5*10/100Base-TX Industrial Ethernet PoE Switches. Through the fanless heat dissipation circuit design, wide range of working environment temperature, high protection level and other technologies, it provides excellent industrial quality with high/low temperature resistance and lightning protection, and enhances the reliability and safety of industrial networks. It can better meet the deployment requirements of rail transit, safe city, intelligent transportation, outdoor monitoring and other harsh environments.

PRODUCT PARAMETERS

Provider Mode Ports	
Fixed port	5*10/100Base-TX
Power interface	Phoenix terminal, redundant dual power supply
LED Indicators	PWR, OPT,NMC, ALM
DIP Switch	
1 C/D	Reserve
2 LGY	Stand/Non-standard PoE Mode
3 VLAN	Port Isolation
4 RST	Reset
Cable type & Transmission distance	
Twisted-pair	0-100m (CAT5e,CAT6)
Monomode optical fiber	/
Multimode (optical) fiber	/
Network Topology	
Ring topology	Unsupported
Star topology	Support
Bus topology	Support
Tree Topology	Support
Electrical Specifications	
Input voltage	DC12-58V(Non-PoE), DC48~58V(PoE)
Total Power consumption	<6W(Non-PoE); <126W(PoE)
Voltage Alarm	Support
PoE Support	
PoE port	1~4
PoE Protocol	802.3af, 802.3at
Pin Assignment	1,2,3,6
PoE Mode	Standard & non-standard are supported
PoE Management	Unsupported
Remote PD Reset	Unsupported
Layer 2 Switching	
Switching capacity	1.4G
Packet forwarding rate	1.0416Mpps
MAC address table	1K
VLAN	Unsupported

Buffer	512K
Forwarding delay	<5us
MDX/MIDX	Support
Flow control	Support
Jumbo Frame	Support 2048 Bytes
WatchDog	Support
Port Isolation	Support
Environment	
Operating temperature	-40℃~+85℃
Storage temperature	-40℃~+85℃
Relative humidity	5%~95% non-condensing
Thermal methods	Fanless, natural cooling
MTBF	100,000 hours
Mechanical Dimensions	
Product size	143X104X48mm
Installation Method	DIN rail
Weight	0.45KG around
EMC & Ingress Protection	
IP Level	IP40
Surge protection of Power	IEC 61000-4-5 Level X (6KV/6KV) (8/20us)
Surge protection of Ethernet port	IEC 61000-4-5 Level X (4KV/4KV) (10/700us)
RS	IEC 61000-4-3 Level 3 (10V/m)
EFI	IEC 61000-4-4 Level 3 (1V/2V)
CS	IEC 61000-4-6 Level 3 (10V/m)
PFMF	IEC 61000-4-8 Level 4 (30A/m)
DIP	IEC 61000-4-11 Level 3 (10V)
ESD	IEC 61000-4-2 Level 4 (8K/15K)
Free fall	0.5m
Authentication	
Authentication	CCC, CE, FCC, RoHS
Accessories	
Accessories	Device, Terminals, Specification, Certificate, power adapter(optional)
Optional Model	
BSD-IPES-0005T	5*10/100Mbps RJ45 Port

SIZE AND APPEARANCE



Front view | Side view | Back view | Top view

Bottom view