



BSD-IES-0206SC

MAIN FEATURES



2*100Base-FX, 6*10/100Base-TX

Industrial Ethernet Switches

Input Voltage: DC12~58V

Operating Temperature: -40°C ~ +75°C

Shell: IP40 protection, fanless design

Test Report: CCC, RoHS, FCC, CE

Anti-static: 8KV-15KV



PRODUCT DESCRIPTION

This device is 2* 100Base-FX & 6*10/100Base-TX Industrial Ethernet 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	2*100 Base-FX, 6*10/100Base-TX
Power interface	Phoenix terminal, redundant dual power supply
LED Indicators	PWR, OPT, NMC, ALM
DIP Switch	
1 C/D	Remote PD Reset
2 LGY	Stand/Non-standard PoE Mode
3 VLAN	Port Isolation
4 RST	Reset
Cable type & Transmission distance	
Twisted-pair	0-100m (CAT5e, CAT6)
Singlemode optical fiber	20/40/60/80/100KM
Multimode (optical) fiber	550m
Network Topology	
Ring topology	Unsupported
Star topology	Support
Bus topology	Support
Tree Topology	Support
Hybrid topology	Support



Electrical Specifications	
Input voltage	DC12-58V
Total Power consumption	<6W
Voltage Alarm	Support
Layer 2 Switching	
Switching capacity	5.6G
Packet forwarding rate	4.16Mpps
MAC address table	8K
VLAN	Unsupported
Buffer	1M
Forwarding delay	<5us
MDX/MIDX	Support
Flow control	Support
Jumbo Frame	Support 1632 Bytes
WatchDog	Support
Port Isolation	Support
Environment	
Operating temperature	-40°C ~ +75°C
Storage temperature	-40°C ~ +85°C
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	0.5KG 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)
Ordering Information	
BSD-IES-0206SC	BSD 6 10/100 RJ45 + 2 100Base FX SC (Multimode)

SIZE AND APPEARANCE

