BEXO-4P2S-60W

60Watts, Hardened Industrial 6 port Gigabit POE Switch, with hardened Marvell IC and hardened POE Controller

4 x 60W Gigabit TX PSE + 2 x 100/1000M SFP, 48-56VDC
Operating temp: -40°C to +75°C

Features

- Built-in hardened Marvell IC

- Built-in hardened POE controller

- Rugged Aluminum housing design

- Built-in PSE 60Watts per port

- Provide 240Watts per unit

- Support redundant power

- Support alarm relay

- Aluminum heat sink for heat dissipation

- Provide ultra high power for 60W PD

- Easy cascade through built-in 2 SFP ports

- Works in extreme environments -40 to +75°C

Introduction

This super high-power Industrial Gigabit Switch is equipped with 4 ports 60W Gigabit PSE port to power up 60Watts PD, include outdoor speed dome, outdoor lamp, or high power PD devices. It accepts 48-56VDC input sources, especially for IP surveillance, traffic monitoring and for a broad range of applications. It can be used as a stand-alone device or can be cascaded/daisy-chain to other devices to cover wider area through the SFP connection

Specification

IEEE Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.3ab 1000Base-T Gigabit Ethernet IEEE 802.3z 1000Base-X Gigabit Ethernet IEEE802.3x Flow Control and Back Pressure, IEEE802.3af for POE IEEE802.3at for POE+
Switch Architecture	Back-plane (Switching Fabric): 12Gbps
Data Processing	Store and Forward
Flow Control	IEEE 802.3x Flow Control and Back Pressure
Jumbo Frame	9KB
MAC address Table Size	1K
Packet Buffer Size	1M
Network Connector	4 x RJ-45 10/100/1000BaseT(X) auto negotiation, 4 x Gigabit 60Watts POE+ 802.3at/af PSE port 2 x SFP 100/1000M BaseX Auto MDI/MDI-X function, Full/Half duplex
Network Cable	UTP/STP above Cat.5e Cable
	EIA/TIA-568 10-ohm (100m)
Protocol	CSMA/CD
LED	PW1(Power 1) Green, PW2(Power 2) Green, ERR(Fault) Amber
	TX/RJ-45 port: LNK (Link/Active) Green, SPD(Speed) 10/100(OFF) ,1000 (Green)
	SFP Fiber Per port: Link (Green) Active Flash

DIP Switch	DIP 1: F5: Port 5 SFP (DEFAULT)
	          OFF: Port 5 OFF
	DIP 2: 1000M: SFP 1000M (DEFAULT)
	          100M: SFP 100M

Reserve polarity protection	Present
Overload current protection	Present
Power Supply	Redundant Dual DC 48V-56V Power Input POE input 48-56VDC
Power Consumption	5.76W@48 VDC full load, Without POE Max total power 240 Watts, Max per port 60Watts

Alarm Relay Contact	Relay outputs with current carrying capacity of 1 A @24VDC, Relay in short circuit mode when 2 powers are connected. in open circuit mode when only one power supply is connected
POE power	POE power per port 60watts. Maximum total power 240Watts. Supports IEEE802.3af/at
Removable Terminal Block	Provide 2 Redundant power, Alarm relay contact ,6 Pin Wire range: 0.34mm^2 to 2.5mm^2 Solid wire (AWG):12-24/14-22 Stranded wire (AWG): 12-24/14-22 Torque:5lb-In/0.5Nm/0.56Nm Wire Strip length: 7-8mm
Operating Temperature	-40°C ~75°C fully tested.
Operating Humidity	5% to 95% (Non-condensing)
Storage Temperature	-40°C ~85°C
MTBF (mean time between failure)	>500,000 hrs (MIL-HDBK-217F) at 25°C
Housing	Rugged Aluminum, IP30 Protection
Case Dimension (L x W x D)	142 x 43 x 105 mm (L x W x D)
Installation mounting	DIN Rail and Wall Mount options included

Certifications

Safety	IEC EN60950-1
EMC/EMS	CE, FCC, VCCI
EMI	FCC Part 15 Subpart B Class A
EN 60068-2-6	Vibration
EN 60068-2-27	Shock
EN 60068-2-32	Free Fall

Housing Dimension (mm)