# SW8-4PB

### Silent, 8 Port Fast Ethernet with 4 Port Endspan PoE Switch w/ Clean Front Face & Back Side Cables

Our commercial grade and rack mountable Fast Ethernet PoE switch is designed so all cables install from the back. This type of installation provides a clean finished rack appearance, which custom installers and their clients prefer. Also, the SW8-4PB's fanless design provides quiet operation next to AV equipment.

In addition to its appearance, the SW8-4PB allows power to be supplied to any 802.3af compliant device, such as wireless access points, cameras and VoIP phones. The SW8-4PB is an advanced IEEE 802.3af compliant device with Endspan Intelligent Detection. The switch does not turn on power until it detects a valid PoE signature from the devices attached downstream on the Ethernet Cable. This protects against damage to non-compliant equipment.

The SW8-4PB switch has eight, 10/100 Ethernet ports and four Endspan PoE ports. The switch has a heavy duty 1U metal housing with rack-mount hardware included. It also has an internal power supply for an even cleaner installation.



**SW8-4PB Datasheet**

## ETHERNET FEATURES

- Conforms to IEEE 802.3 10BASE-T, IEEE802.3u 100BASE-TX and IEEE 802.3x flow control standards
- Supports 10/100Mbps auto-detect half/full duplex
- Supports TP interface auto MDI/MDI-X function for auto TX/RX swap
- Supports 802.3x flow control pause packet for full duplex
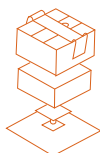- LEDs to indicate: Link/Act, Speed, Power Status and PoE activity

## POE FEATURES

- Supports IEEE 802.3af compliant
- Supports Power over Ethernet (PoE) on each PoE-TP port (End-Point)
- Full power(15.4w) support for per PoE-TP port
- Auto detect powered device and consumption levels
- Smart feature for PD on/off, PD detection, power level, PD status and power feeding priority(X)
- Automatic Fault Detection(Over/Under Voltage & Current)
- Thermal shutdown protection(Tj > 150 degrees C)
- LED indicators for POE activity

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## SPECIFICATIONS

| Standards | · IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX |
|---|---|
| Media | · 10Base-T: UTP Cat. 3, 4, 5 or up<br>· 100Base-TX: UTP Cat. 5 or up |
| Number of Port | · 8 *10/100 Mbps RJ45 ports with 4 PoE ports |
| Transmission Mode | · 10/100Mbps, Full/Half Duplex (Auto-sensing), Auto MDI/MDI-X |
| Transfer Rate | · 10Mbps: 14880pps (64 Bytes Package)<br>· 100Mbps: 148800pps (64 Bytes Package) |
| Flow Control | · IEEE 802.3x flow control for Full Duplex Back pressure in Half Duplex operation mode |
| Switching Method | · Store & forward |
| LED Indicators | · Power, Link/Activity, Speed, PoE activity |
| Power Supply | · Internal full range Auto-switching<br>· Voltage: AC 90 ~ 264V<br>· Frequency: 47 ~ 63Hz |
| Power Consumption | · 65W, DC48V/1.35A |
| Environment | · Operating Temperature: 32°F ~ 122°F<br>· Storage Temperature: -4°F ~ 158°F<br>· Humidity: 5% to 90% |
| Dimension | · 10.375w x 7.25d x 1.75h inches |
| Certifications | · FCC, CE |