

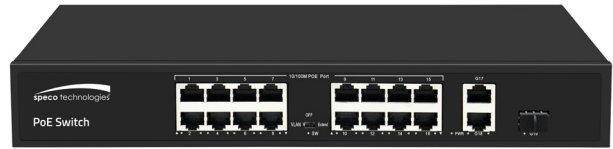
# 16 Port Megabit PoE Switch with 2 Gigabit Uplink ports - PoE 802.3at

## P16S182

16 Port Megabit PoE Switch with 2 Gigabit Uplink ports - PoE 802.3at

### Features

- 16 x 10/100M PoE ports + Uplink 2x10/100/1000M Ethernet ports + 1xGigabit SFP port Ethernet Switch
- Detects and supports IEEE802.3af or IEEE802.3at PoE standards
- Flow control mode: full-duplex adopts IEEE 802.3x standard, half-duplex adopts Back pressure standard
- Compatible with 1U rack installation (rack ears included)



Front View



Back View

### Standard

|                   |                                                                                                                                                                                              |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Network protocol  | IEEE802.3 (10Base-T)<br>IEEE802.3u (100Base-TX)<br>IEEE802.3ab(1000Base-TX)<br>IEEE802.3z(1000Base-FX)<br>IEEE802.3x (Flow control)                                                          |
| PoE Protocol      | IEEE802.3af (15.4W)<br>IEEE802.3at (30W)                                                                                                                                                     |
| Industry Standard | EMI: FCC Part 15 CISPR (EN55032) class A<br>EMS: EN61000-4-2 (ESD), EN61000-4-4 (EFT), EN61000-4-5 (Surge)<br>Shock: IEC 60068-2-27<br>Free Fall: IEC 60068-2-32<br>Vibration: IEC 60068-2-6 |
| Network Medium    | 10Base-T: Cat3, 4, 5 or above UTP(≤250m)<br>100Base-TX: Cat5 or above UTP(≤150m)<br>1000Base-TX: Cat5 or above UTP(≤100m)                                                                    |
| Optical Media     | Multi-mode fiber: 50/125, 62.5/125, 100/140Qm<br>Single mode fiber: 8/125, 8.7/125, 9/125, 10/125Qm                                                                                          |

### Performance

|                           |                   |
|---------------------------|-------------------|
| Switching Capacity        | 9.2Gbps           |
| Throughput                | 6.844Mpps         |
| Packet Buffer             | 1.5Mb             |
| MAC Address               | 2K                |
| Jumbo Frame               | 9216bytes         |
| Transfer Mode             | Store and forward |
| MTBF                      | 100,000 hours     |
| Max PoE power (all ports) | 280w              |

### I/O Interface

|            |                                                                                                |
|------------|------------------------------------------------------------------------------------------------|
| Power      | Input AC 100-240V, 50/60Hz,<br>Power supply 52V 5.76A                                          |
| Fixed Port | 16 x 10/100M PoE Port<br>2 x 10/100/1000M Ethernet Uplink ports<br>1 x Gigabit SFP Uplink port |

### Indication

|                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LED Indicators | PWR (Power Supply), SW(DIP), 1-19 Green (Link & Data)                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| PWR            | Lighting: Powered, No Light: No Power                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| SW             | Lighting: VLAN, No Light: OFF<br>Flashing: Extend                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 1-19 Green     | Lighting: Connecting/Connected<br>Flashing: Data Transmit<br>No Light: Disconnected                                                                                                                                                                                                                                                                                                                                                                                                                           |
| DIP Switch     | <b>(VLAN)</b> Port isolation mode. In this mode, the PoE ports (1-16) of the switch cannot communicate with each other, and can only communicate with the Uplink port.<br><b>(OFF)</b> Normal mode, all ports can communicate with each other, the transmission distance is within 100 meters, the transmission rate is 10M/100M adaptive<br><b>(Extend)</b> Link extension mode, 1-16 ports PoE power supply and data transmission distance can be extended to 250 meters, the transmission rate becomes 10M |

### Environment

|                     |                                                                                                                                                                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Working Environment | Working Temperature: 14°F to 122°F (-10 - 50°C)<br>Storage Temperature: -40°F to 158°F (-40 - 70°C)<br>Working Humidity: 10%-90%, non-condensing<br>Storage Humidity: 5%-90%, non-condensing<br>Working Height: Maximum 10,000 ft<br>Storage Height: Maximum 10,000 ft |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Mechanical

|                        |                                                                                           |
|------------------------|-------------------------------------------------------------------------------------------|
| Dimensions and weights | Product Dimension (L*W*H): 12.5" x 8.1" x 1.77" (319*207*45mm)<br>Weight: 3.96lbs (1.8kg) |
|------------------------|-------------------------------------------------------------------------------------------|

### Certificates

|                      |               |
|----------------------|---------------|
| Security Certificate | CE, FCC, RoHS |
|----------------------|---------------|

\*Products are in compliance with NDAA Section 889 Part B Guidelines

