

# Fast Ethernet PoE Switch

**SBL-6266F** 24-port 10/100M PoE w/2G Combo Switch

4-Digit of SSD Red LED  
displays numerical



SBL-6266F is a 24-port 10/100M Fast Ethernet Switch with 24 PSE/PoE+ ports and 2-port Gigabit COMBO Switch. SBL-6266F is complied with IEEE 802.3at and backward compatible with IEEE 802.3af and defines new power saving idea on PSE Ports. It can solve the limitation of the power outlet location and offer the system relocation easily. In additional, it is equipped with 4-digit of SSD(Seven-Segment-Display) Red LED module monitoring total PoE/PoE+ power budget and per port of power consumption, or how much PoE/PoE+ power budget left for addition usage.

## Product Features

- Back Panel: 24 ports 10/100Mbps
- 2-port COMBO 10/ 100/ 1000Mbps RJ-45 and 1000Mbps SFP
- Front Panel: LED indicators: System Power, Link/Activity and PoE/PSE
- LEDs Display: total Power, balance power, power consume per port
- Complying with IEEE 802.3 10Base-T,
- Complying with IEEE 802.3u 100Base-TX,
- Complying with IEEE 802.3z 1000Base-SX/LX
- Complying with IEEE 802.1p
- Complying with IEEE 802.1q
- Comply with IEEE 802.3x Flow control; back pressure for Half-duplex and Full-duplex mode
- Compliant with IEEE-802.3at and backward compatible with IEEE 802.3af
- All ports support Auto-MDIX function
- Being dedicated 200Mbps Full-duplex bandwidth to the each port
- Broadcast storm control and supporting store & forward operation
- Non-blocking & Non-head-of-line blocking full-wire speed forwarding
- Auto-learning networking configurations
- Built-in 4K MAC learning table, 2.75M bits buffer memory
- Support packet length up to 1536Bytes
- Filtering/Forwarding Rate: 1000Mbps/1,488,000pps; 100Mbps/148,800pps; 10Mbps/14,880pps
- Status LEDs: System Power, Link/Activity, and PoE/PSE on line
- Input Power: 100-240VAC, 50/60Hz
- Internal Power Supply : 460Watt
- ESD Protection: 6KV DCI
- Operating Temperature: 0°C ~ 40°C
- Storing Temperature: -20°C ~ 90°C
- Humidity: 10% ~90% RH (Non-condensing)
- Dimension (L x W x H): 440mmX280mmx44mm (1U high)
- Weight: 4.5Kg
- Certificates: CE & FCC

- Smart plug & play

## Technical Specifications

|                              |   |
|------------------------------|---|
| <b>Standards</b>             | IEEE 802.3 10BaseT<br>IEEE 802.3u 100BaseTX/100BaseFX<br>IEEE 802.3ab 1000Base-T,<br>IEEE 802.3z 1000Base-SX/LX<br>IEEE 802.1x<br>IEEE 802.3af/at |
| <b>Features</b>              | Number of Ports:<br>24-port 10/ 100Mbps RJ-45 and 2-port Combo 10/ 100/<br>1000Mbps RJ45/ 1000Mbps SFP  |
| <b>Data Transfer Rate</b>    | Fast Ethernet:<br>10Mbps/Half-Duplex<br>20Mbps/Full-Duplex<br>Fast Ethernet:<br>100Mbps/Half-Duplex<br>200Mbps/Full-Duplex                        |
| <b>Transmission Media</b>    | 10BaseT Cat. 3, 4, 5 UTP/STP, up to 100 m<br>100BaseTX Cat. 5, 5e UTP/STP, up to 100 m  |
| <b>LED Indicators</b>        | Per Port:<br>(TX): 10/100M Link/Act, PoE<br>Per Unit: Power   |
| <b>LED Display</b>           | 4-Digit of SSD Red LED displays numerical information, each of<br>PoE port power consumption  |
| <b>Input Power</b>           | 100-240VAC, 50/60Hz   |
| <b>Internal Power Supply</b> | 460watt   |
| <b>ESD Protection</b>        | 6KV DC  |
| <b>Dimensions</b>            | 440 x 280 x 44 mm (L x W x H)   |
| <b>Weight</b>                | 4.5kg   |
| <b>Operating Temperature</b> | 0 to 40°C   |
| <b>Storage Temperature</b>   | -20 to 90°C   |
| <b>Humidity</b>              | 10 to 90% RH (non-condensing)   |
| <b>Certifications</b>        | FCC, CE   |