

## Model No : SS208STB

### 8-Port 10/100 Mbps Switch with 4 IEEE 802.3af PoE Port



Power over Ethernet (PoE) may delivery and transmit data on an Ethernet cable at same time. By eliminating the power cords and the power infrastructure, SS208 greatly simplifies the wiring and deployment matters and brings lot of convenience and benefits in home , office and industrial environments

SS208 is a Power Sourcing Equipment (PSE) that supply power to the powered device (PD) . More and more network attachments today, such as IP Phones, Wireless Access Points , and IP Cameras , are designed as a PD..

#### Feature

- 8\*10/100Mbps Auto-negotiation Fast Ethernet RJ 45 with 4-Port PoE function (Port -1 to Port-4)
- Compliant with IEEE802.3af specification
- **Max Power : 15.4W (IEEE 802.3af)**
- Support PoE Powered Device (PD ) classification identify
- **Provide Screw Terminal Block for external Power System**
- Over Current Protection
- Short-circuit Protection
- Each port supports auto MDI/MDIX , so there is no need to use cross-over cables or an up-link port
- Flow control fully supported:
  - Half-duplex: backpressure flow control
  - Full-duplex: IEEE802.3x flow control
- Provide non-blocking wire speed reception and transmission
- Embedded SRAM for packet storage
- 1024-entry look-up table in direct mapping mode
- Embedded 16-entry CAM for hash collision mapping
- Optional maximum packet length 1536/1522 Bytes



**LanReady Technologies Inc.**

3F., No.166, Sinhu 2nd Rd., Neihu District, Taipei City 114, Taiwan

Tel: 886-2-2796-8188 Fax: 886-2-2796-8158 <http://www.lanready.com>

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Hardware Specifications	
Standard	IEEE802.3 10BASE-T IEEE802.3u 100BASE-TX IEEE802.3af I
Network Media	10BASE-T Ethernet : UTP Cat. 3,4,5 Unshielded Twisted Pair (UTP) Cable 100BASE-TX Fast Ethernet : UTP Cat 5 Unshielded Twisted Pair (UTP ) Cable PoE Port : UTP Cat 5 , Unshielded Twisted Pair (UTP) Cable
Protocol	CSMA/CD
Topology	Star
Number of Ports	4 x 10/100Mbps Auto-negotiation, Auto-MDIX PoE Ports (port-1 to port-4) 4 x 10/100Mbps Auto-negotiation ,Auto-MDIX Fast Ethernet Ports (port-5 to port8)
Network Data Transfer Rate	Ethernet : 10Mbps (Half-duplex) , 20Mbps(Full-duplex) Fast Ethernet : 100Mbps( Half-duplex) , 200Mbps (Full-duplex)
PoE /PoE Plus (Power Over Ethernet)	<ul style="list-style-type: none"> <li>● <b>Up to 15.4W PoE Over Current Protection</b></li> </ul> PoE Budget : Up to 15.4W max. per port , for Ports 1-4 Only . 36.3W Total PD classification identify <ul style="list-style-type: none"> <li>● PoE Over Current Protection</li> <li>● PoE Circuit sorting Protection</li> <li>● PoE Power on RJ-45 pin 3,6 for Power+ and 1,2 for Power</li> </ul>
Diagnostic LEDs	Per Unit : Power * 1 Per Fast Ethernet : Activity * 8 Per PoE port : PoE Status : Activity*2
Power Consumption	6.3W ( max. no PD device connected ) 36.3W (max.with 30w PoE Device connected )
Power Connector (Interface)	<b>DC-Jack : for bundle Power Supply</b> <b>Screw Terminal Block : for external Power System</b>
Bundle Power Supply	48V DC/0.83A
Item Dimensions	84.1 (W) * 42(H) * 146(D) ( mm)
Item Weight	287g
Temperature	Operating : 0 – 40°C Storage : -10 – 70°C
Humidity	Operating : 10% - 90% RH Storage : 5% - 90% RH
Certification	FCC , CE

**Standard Package Content :**

1. PoE Switch \* 1
2. AC/DC adapter : 48V/0.83A
3. QIG

## Companion Products :

- (1) AP951X : WiFi-bg , Industrial Managed PoE Access Point
- (2) AP952X : WiFi-bgn , Industrial Managed PoE Access Point

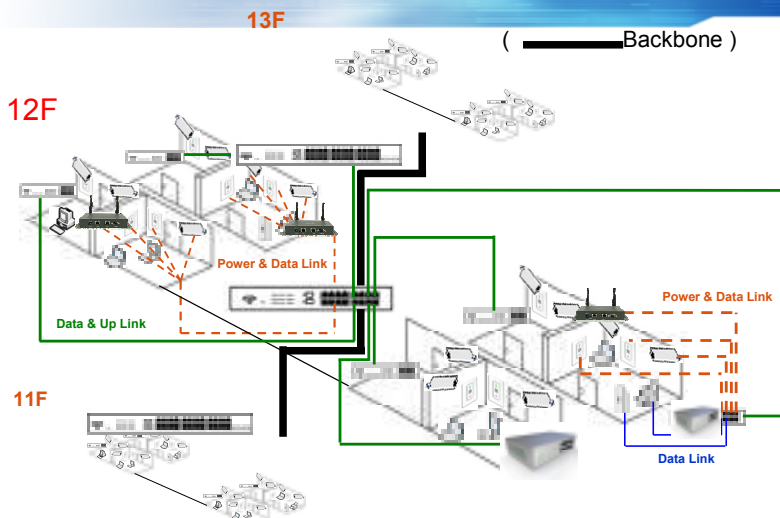


- (3) AP981X : WiFi-bg , Wall Managed PoE Access Point



## Application Diagram

### Hotel / Dormitories/ Office/Hospital - Wireless Deployment



**Home Wireless Deployment via Builder or Designer**

