

Fast Ethernet PoE+ Switch

## Arrowwave SW-358

# 8-port Fast Ethernet PoE Switch



SW-358 is 8 port 10/100Mbps ports Power over Ethernet Switch which consists of 8 PSE/PoE ports with compliant to POE+ IEEE 802.3at and 802.3af, it supports the power up to 30-Watt and new green power saving idea on each PSE/PoE Port. That can solve the limitation of the power outlet location and offer the system relocation easily. The case is designed for small office and can be upgrade to 1U" chassis.

## Key Product Features

- 8 Ports PSE/ PoE function, compliant with IEEE 802.3af and IEEE 802.3at
- Supporting the power up to 30Watt for each PSE/PoE port Providing 8 10/100Mbps switching ports
- Complying with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX,
- Supporting the flow control: back pressure for Half-duplex and IEEE 802.3x for Full-duplex mode
- All ports support Auto-MDIX function
- Being dedicated 200Mbps Full-duplex bandwidth to the each port
- Non-blocking & Non-head-of-line blocking full-wire speed forwarding
- Auto-learning networking configurations
- Store-and-Forward switching methods
- Built-in 4K MAC learning table, 1.25M bits buffer memory
- Filtering/Forwarding Rate: 100Mbps/148,800pps; 10Mbps/14,880pps
- Supporting packet length 1600 bytes
- Status LEDs: System Power, Link/Activity, and PoE/PSE on line
- Smart plug & play



## PoE+ Green power Management

- Link up mode: auto detects the level class of Power device, budgets power output for each port.
- Power down mode: auto detect no link/ standby of Power device

## Arrowwave SW-358 Technical Specifications

|                       |  |
|-----------------------|--|
| Standards             | IEEE 802.3 10BaseT<br>IEEE 802.3u 100BaseTX/100BaseFX<br>IEEE 802.3af PoE<br>IEEE 802.3at PoE+<br>IEEE 802.3X Flow control |
| Features              | Number of Ports:<br>8 10/100Base T with RJ-45 connector w/8-port PSE   |
| Data Transfer Rate    | Ethernet:<br>10Mbps/Half-Duplex<br>20Mbps/Full-Duplex<br>Fast Ethernet:<br>100Mbps/Half-Duplex<br>200Mbps/Full-Duplex      |
| Transmission Media    | 10BaseT Cat. 3,4,5 UTP/STP, upto 100m<br>100BaseTX Cat. 5 UTP/STP, upto 100m   |
| Led Indicators        | Per Port: (TX): Link/Act, PoE<br>Per Unit: Power   |
| Power Requirements    | Internal Power Supply: AC Input (90~260V/AC, 50~60Hz) UL Safety  |
| Power Consumption     | 65/130/250-Watt, Optional  |
| Dimensions            | 263x160x44 mm (L x W x H)  |
| Weight                | 2.3kg  |
| Operating Temperature | 0 to 55°C  |
| Storage Temperature   | -20 to 90°C  |
| Humidity              | 10 to 90% RH (non-condensing)  |
| Certifications        | FCC Class A, CE  |