

Gigabit SFP Fiber Switch with POE

AS200D Series



- Support 8* 10/100/1000Base-TX Ethernet ports, 8* 1000BASE-FX fiber ports
- Support WEB, Telnet, SSH, Console (CLI)
- Centralized password management
- Overload current protection and reverse polarity protection
- IP40 enclosure protection
- 802.1Q protocol, Isolate network flow Radius

Ascent's AS216D-F8T8-POE-DC series is a high performance 16 port, industrial, managed gigabit Ethernet switch with eight 10/100/1000M PoE ports and eight gigabit fiber ports.

The switch supports Ethernet Ring Protection Switching (ERPS) as well as STP/RSTP/MSTP. It also supports Web-based network management, VLAN, QoS, SNMP, IGMP snooping and other network functions. LED indicators provide the connection status when using SFP option.

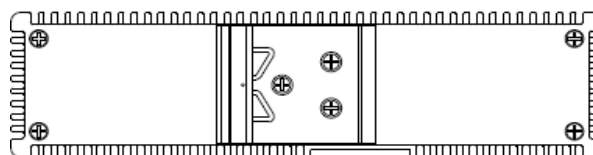
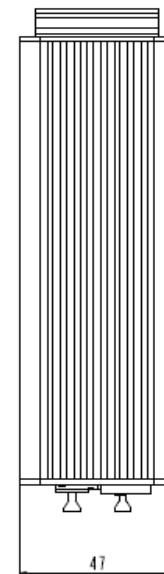
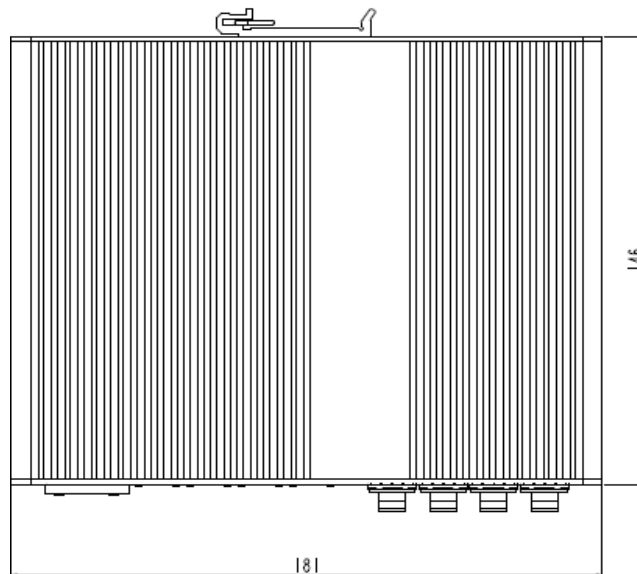
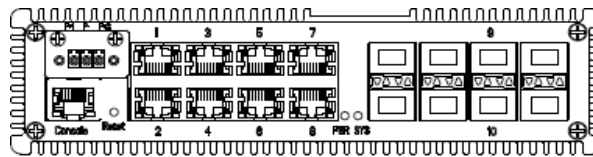
Rugged design with IP40 enclosure and industrial level 3 ESD protection makes it suitable for many applications such as Intelligent Transportation Systems, IP surveillance and industrial networks.

The product is available in either DIN rail or wall-mount configurations.

Key Features

- 8* 10/100/1000Base-TX Ethernet ports, 8* 1000BASE-FX fiber ports
- EPRS (typical recovery time ≤ 30 ms with 250 connected units) STP / RSTP / MSTP redundancy protocols and standards
- SNMPv1/v2c/v3 & RMON & Port base/802.1Q VLAN network management IGMP Snooping multicast function
- WEB, Telnet, SSH, Console (CLI)
- Open and close port, binding MAC and port 802.1x network access control
- 802.1Q protocol, Isolate network flow Radius
- Centralized password management
- Overload current protection and reverse polarity protection IP40 enclosure protection
- Unique DIN mount design makes mounting and removal simple Both PoE and Non-PoE models are available

Outline Dimensions



Specifications

Parameter	Description
Standards	IEEE802.3, IEEE802.3u, IEEE 802.3ab, IEEE 802.3x
Ports	10/100/1000MBase-T: 8 1000MBase-X Fiber Port: 8
Switch Performance	Architecture: Store-and-forward Bandwidth: 32Gbps Buffer: 4Mbps Mac Address Table: 8192 4K VLAN; Port-based VLAN; 802.1Q VLAN protocol; Port configuration Port enable/disable; Port rate settings Full- duplex mode; Flow control; Multicasting SNMP V1/V2/V3 protocols; IGMP Snooping; IGMP Multicast Group: 1024
Management	
Console Port	RJ45
Mechanical	Enclosure: Ip40 Dimension (W*L*H): 47mm * 146mm * 181mm Weight: 0.75KG Enable/disable ports; MAC based port security; Port based network access control;
Security Feature	VLAN (802.1Q); Radius centralized password management SNMP v1/v2c/v3 encrypted authentication and access security ERPS/STP/RSTP/MSTP, SNTP, 1588 PTP; DHCP Server/Client, MVR, IGMP v1/v2 GMRP, GVRP, SNMP v1/v2c/v3, TFTP, SMTP,RMON, RARP, HTTP, HTTPS, Telnet, SSH, Syslog; LLDP, IPv6, NTP Server/Client
Protocols	
Power	DC Power Input: 10 to 55VDC Power Consumption: < 12W (without PoE output) Overload Current Protection: Yes Reverse Polarity Protection: Yes
Environmental	Operating Temperature: -40 °C to +75 °C Degree Storage Temperature: -40 °C to +85 °C Operating Humidity: 5% to 95% non-condensing
Protection	Surge 6KV, IEC61000-4-5 ESD ESD Level 4: IEC61000-4-2 RS Level 3: IEC61000-4-3 EFT Level 4: IEC61000-4-4 CS Level 3: IEC61000-4-6

Ordering Information

Product Name	Product Description
AS216D-F8T8-POE-DC	Managed Industrial POE Switch, 8*10/100/1000 Base-T Industrial type, 8 Gigabit SFP, DC Power Input

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