

Multiservice Gigabit Ethernet Fiber Switch



AS2308S Series

- IEEE802.3, 802.3u, 802.3X
- L2 multiservice gigabit Ethernet switch
- Support full/half duplex
- Optical fiber connection
- 8 GE SFP and 2GE TX
- Supports flow control
- Congestion-free switching for all ports
- Auto identification of MDI/MDI-X cross-linne

ACT AS2308S Optical Fiber Gigabit Ethernet Switch is an economical high-performance L2 switch which provides network operators and service providers with a cost-effective access layer for Fast Ethernet P2P services in Fiber to The Home/Business (FTTH & FTTB) networks.

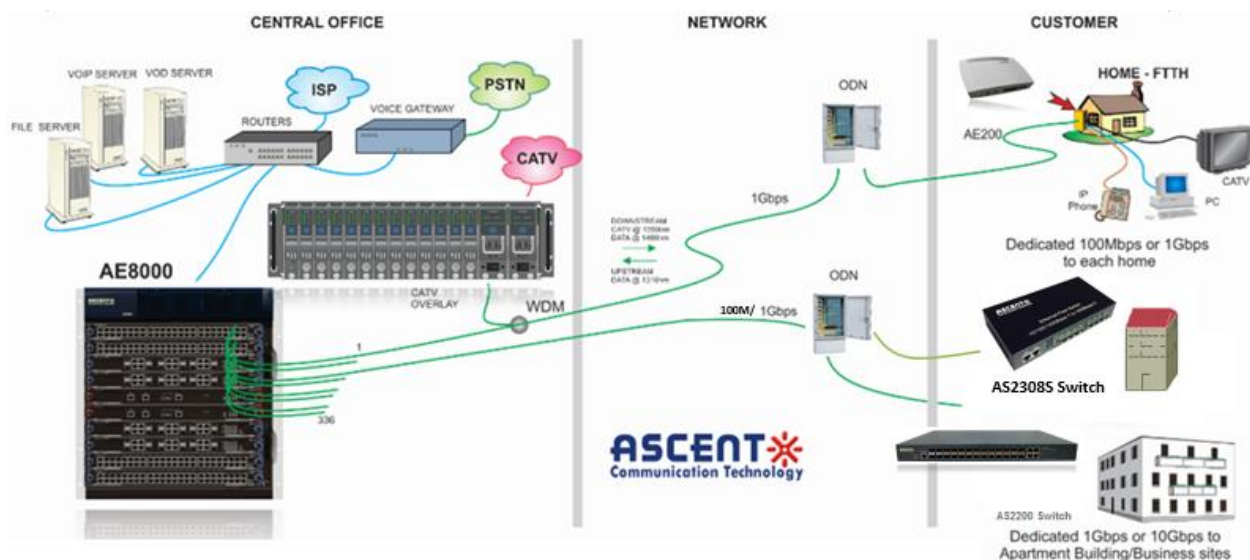
AS2308S provides high-density ports with flexible configuration options and a user-friendly interface to allow operators to quickly and easily expand their existing networks and services. The unit has 8 fiber GE SFP ports and also 2 GE electric ports for easy connection.

AS2308S offers compatibility with all existing Fast Ethernet or Gigabit Ethernet devices in the network. It provides high-performance switching and seamless cooperation with ACT routing and switching products. Combined with ACT's Video Overlay package, AS2308 can provide the perfect end-to-end FTTX solution in offering advanced video, voice, and data services.

Key Features

- Complies with IEEE802.3 10Base-T Ethernet, IEEE802.3u 10/100Base-TX/FX Ethernet, and IEEE 802.3X standards
- High-performance L2 switching
- 10/100/1000 Mbps port with full/half duplex auto-negotiation
- Back pressure flow control for full duplex
- Converter mode with auto-change-forward(switch) function
- Back pressure flow control for full/half duplex IEEE802.3X
- UTP port supports MDI/MDI-X auto crossover
- Complies with FCC, 15 CLASS A ,RoHS, and CE MARK
- Supports Active Ethernet technology with Fast Ethernet subscriber lines
- Low power consumption to save on maintenance and services costs

Application Diagram



Specifications

Item	Description
Compliant Standards	IEEE 802.3 10BaseT, IEEE 802.3u 100Base-TX, 100Base-FX
Interface	UTP: RJ45 Fiber: LC
Transfer Rate	UTP: 10 Mbps, 100 Mbps, 1000 Mbps Fiber: 1000 Mbps
Duplex Mode	Full duplex or half duplex
Twisted	6, 5E category
Fiber	Multimode: 50/125 μm , 62.5/125 μm Single-mode: 8.3/125 μm , 9/125 μm , 10/125 μm
Power Supply	AC: 220 V (165 V to 265 V), 50 Hz DC: 5 V, 2 A
Working Temperature	0 °C to +50 °C
Storage Temperature	-20 °C to +70 °C
Humidity	5 % to 90 % RH (non-condensing)
Dimensions (L×W×H)	220 mm × 110 mm × 33 mm

Ordering Information

AS2300 Series Switch	Description
AS2308S-2G-AC	Enhanced Gigabit Fiber switch, 8 ports 10/100/1000M Gigabit SFP + 2 ports 10/100/1000M TX, AC power

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