

Axis800

8-port gigabit ethernet switch



ASBDT084U1



AUTO-NEGOTIATION FUNCTION



8 UTP/STP Gigabit Ethernet ports
10/100/1000Mbps



Advanced loop prevention algorithm



Metal housing



Integrated lightning protection

High-performance network connectivity for reliable data transfer

Product overview

The **ASBDT084U1** is an unmanaged compact desktop switch, especially designed for SOHO, student dormitories, and small enterprise users. It has 8 UTP/STP ports with auto MDI/MDIX, including store-and-forward function to make sure that packets are sent to each port effectively. Plug and play capability simplifies installation. In addition, it supports MAC address auto-learning and aging with a built-in 4000 MAC address table. With its easy configuration, quick data transfer rates, and high level of stability, this switch is the ideal choice for sharing a small business network.

Highlights

- 8-port 10/100/1000Mbps switch
- Metal housing
- Jumbo frame of 9Kbytes with 16Gbps backplane bandwidth
- Advanced loop prevention algorithm
- IEEE802.3x full duplex and half duplex back pressure flow control
- Sleek design, ideal for wall mounting or desktop installation
- Integrated lightning protection
- Store-and-forward technology
- 5-year warranty



Front view of the switch

The LED indicators provide information about the connection and Link/ACT status of the switch. They also facilitate activity monitoring and troubleshooting the performance of the network.



Rear panel view of the switch

LED	Status	Description
Power	Solid	The switch is properly connected to the power supply
	Off	The switch is not properly connected to the power supply or the unit is malfunctioning
	Solid	A link has been established on the corresponding RJ45 port
Link/Act	Blinking	The port is transmitting or receiving data packets
	Off	No link has been established on the corresponding RJ45 port or it is not working properly

Interface	Number	Description
	8	10/100/1000Mbps autonegotiation RJ45 ports with inductive lighting protection
	1	DC power jack for connecting the supplied power adapter

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Technical specifications

Axis800	
Hardware features	
Standards	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3x
Ports and interface	Eight (8) 10/100/1000Mbps Auto-MDI/MDI-X
Forwarding speed	10Mbps: 14881pps 100Mbps: 148810pps 1000Mbps: 1488100pps
LED indicators	Power and status lights
Performance features	
Topological structure	Star
Backplane bandwidth	16Gbps
Jumbo frame	9Kbytes
MAC address table	4000 entries
MAC address learning	Automatic update
Advanced functions	Loop prevention between nodes on the switch, among other connected switches, and loops among downlink devices of the switch
Transfer method	Store-and-forward
Software features	
Flow control	IEEE802.3x full duplex and half duplex back pressure
Physical appearance	
Housing	Metal
Color	Gun metal
Product dimensions	4.9x2.3x0.9in
Product weight	0.31lb
Additional information	
Power	9V/1A
Protection	Inductive lightning protection: 4KV
Certificates	FCC
Warranty	Five years