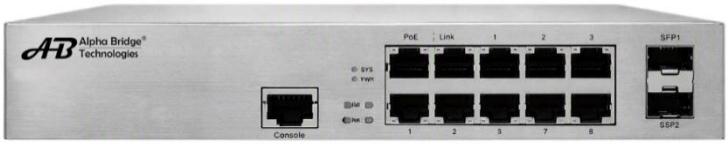
ALPHA BRIDGE
LAYER 2 Switch
AS200/10/T



Supports Max. 8 GE POE and 2 100/1000M SFP Ports.

Advanced Hardware Architecture and Industry-leading Port Density.

Carrier-Grade, High Reliability.

Verified Service characteristics, Complete Security Mechanism.

Product Overview

AS200/10/T is a full Gigabit managed switch with 8 Gigabit adaptive ports and 2 independent Gigabit SFP ports. The machine has 20Gbps backplane bandwidth to accommodate full line rate forwarding on the port. Provide a comprehensive security protection system, perfect QoS strategy and rich VLAN functions, simple management and maintenance, to meet the networking and access requirements of enterprises, residential areas, hotels, office networks and campus networks, to meet the needs of high-density, power supply and intelligent management of the network environment.

Specification

Model	AS200/10/T
Port	8 x 10/100 / 1000base-T 2 x1000M SFPs
	Support MDI/MDI-X adaptive Support half-duplex, full-duplex, auto-negotiation Connector type: RJ-45, SFP slot IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802 .3z, IEEE802.3af, IEEE802.3at standard Support 10/100/1000Mbit/s
Buffer	≥4.1M
Layer 2 switching	All ports Support line rate forwarding
Switching capacity	20G
Forwarding rate	≥14.44Mpps
Switch	storage and forwarding Mode
MAC address table	≥8K Automatic address learning and aging capability
MAC address binding	Support
MAC address filtering	Support
Jumbo frame	16K
Port feature	Port control port Isolated
Port mirroring	Support
VLAN	4K 802.1q VLANs
Link aggregation	Supports 8 TRUNK groups, each group Supports Up to 8 ports.
Flow control	Support IEEE 802.3x and back-pressure
Bandwidth control	Minimum granularity: 64kbps
Spanning tree protocol	IEEE 802.1d Spanning Tree Protocol (STP) IEEE 802.1w Rapid Spanning Tree Protocol (RSTP) IEEE 802.1s multi-process Spanning Tree Protocol (MSTP)
Ring network protocol	Supports EAPS, ERPS
Multicast	Support 256 Layer 2 multicast table capacity Support IGMP Snooping
Static ARP	Support
Static routing	Support
ACL	Supports 256 groups of standard IP, extended IP, MAC IP, ARP ACL
QoS	Supports 4 different priority queues per port Support flexible queue scheduling algorithms: WRR, Q+WRR Supports port-based/MAC-based/802.1p/DSCP-based
Security	Support MAC-based 802.1X authentication to Support AAA/RADIUS authentication
CPU Protection	Support CPU self-protection
WEB	Support WEB interface
SNMP	Support SNMP v1/v2/v3
User management	Support multi-user management
System log	Support
Configuration upload download	Support through WEB upload / download configuration file
Firmware upgrade	Support WEB upgrade firmware
PoE port	N/A
PoE power Budget	N/A
PoE standard	N/A
Pin definition	V+ (RJ45 Pin 1, 2), V- (RJ45 Pin 3, 6)
Input voltage	100V ~ 240V AC, 50/60Hz
Power consumption	10W (without POE load)
Operating temperature	0°C～50°C
Storage temperature-	-10°C～70°C
Relative humidity	10%～90% (non-condensing)
Fan	Non fan
Dimensions	210mm*140mm*45mm

Ordering Information

Item	Description
AS200/10/T	8 x 10/100/1000M RJ45 Ports, 2 x 1G SFP ports, Dual AC Power input, 1 Console Port, Fanless, 1U, Rack Installation kit. **(As per RDSO Specification no: RDSO/SPN/83/2020 – Rev 2.1)**

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