

ALPHA BRIDGE LAYER 2 Switch AS200/10/P



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.

Features:

- 8x 10/100/1000Base-T and 2x 1000Base-X SFP
- Built-in 8 x PoE+ Ports, compliant with IEEE 802.3af/at
- Support G.8032 ERPS protocol (self-healing time < 20ms)
- Support
VLAN/STP/RSTP/MSTP/DHCP/IGMP/QoS/Web/SNMP/Telnet/T
FTP/Web upgrading
- Operating Temperature Range: 0°C ~ 55°C, maximum PoE
output power up to 120W

Product Overview

The AS200/10/P Ethernet Switch is equipped with 8 adaptive 10/100/1000Base-T PoE ports and 2 Gigabit SFP optical ports. The self-healing time of its ERPS redundant ring network is less than 20ms. It not only supports common Layer 2 management functions including VLAN, STP, RSTP, MSTP, DHCP, IGMP, QoS, Web, SNMP, Telnet, TFTP, and Web upgrading.

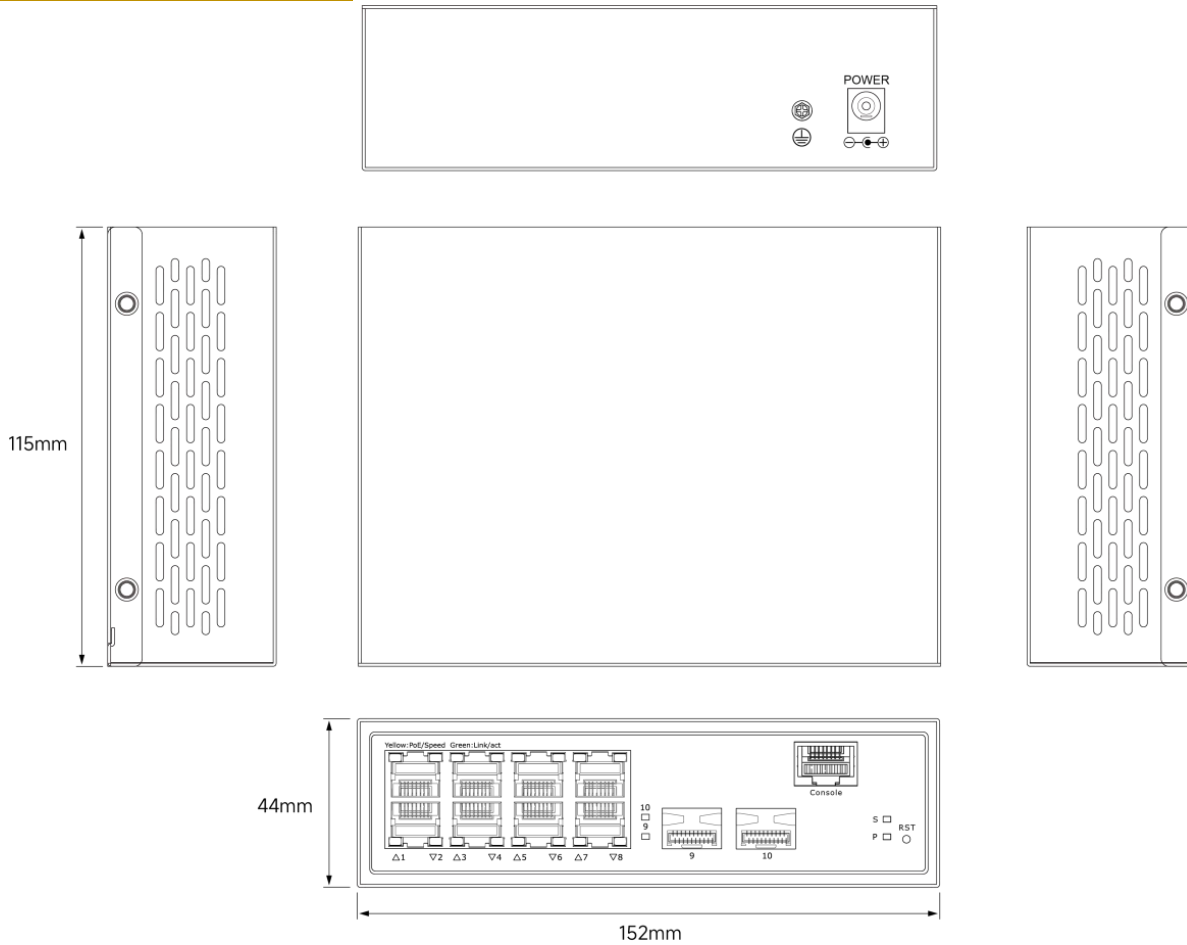
With a wide DC input voltage range of 44-57V, an operating temperature range of 0°C to 55°C, low-power component selection, and scientific heat dissipation design, plus 100% factory burn-in testing, the AS200/10/P ensures long-term stable and reliable operation in harsh environments. It is an ideal choice for scenarios such as highways, rail transit, smart cities, smart energy, and other high-bandwidth data integration applications.

Specification

Model	AS200/10/P		
Ethernet	2*1G SFP slots, 8*10/100/1000Base-T ports		
Console	RJ45-568B		
LED Indicators	P: Power indicator	On: the device power on is normal Off: the device is power off or failed	
	S: System status indicator	On: device on normal operation Blinking: device initialization Off: the device is power off or failed	
	9-10: Fiber ports indicators	On: Port Link Up Binking: Port transmitting/receiving data Off: Port Link Down	
	1-8: Ethernet ports indicators	Yellow (PoE)	Green (Link/act)
On: PoE Active Off: PoE Inactive		On: Port Link Up Off: Port Link Down Binking: Port transmitting /receiving data	
Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Ethernet IEEE 802.3ab 1000Base-T Ethernet IEEE 802.3z 1000Base-X Ethernet IEEE 802.3x Flow Control and Back Pressure IEEE 802.1D Spanning Tree Protocol IEEE 802.1w Rapid Spanning Tree Protocol IEEE 802.1Q VLAN ITU-T G.8032 ERPS IEEE 802.3af PoE IEEE 802.3at PoE+ IEEE 802.1X Port Authentication Network Control		
Switching Features			
Switching Capacity	14Gbps		
Packet Forwarding Rate	10.41Mpps		
MAC Table	8K		
Packet Buffer	1M bit		
Jumbo Frame	Support 10KBytes		
VLAN	4K		
MDX/MIDX	Support		
Watchdog	Support		
Forwarding Latency	<5us		
Software Features			
Port Aggregation	Support GE port aggregation Support static aggregation Support dynamic aggregation		
Port Features	Support IEEE802.3x flow control Support port traffic statistics Support port isolation Supports Storm Control based on port rate percentage		
PoE	Support PD Detection Support Priority Management Support Port Max Power Setting Support Alarm Threshold Setting Support Reserved Power Setting		

	Compliant with 802.3af, 802.3at standards
VLAN	Support Access, Trunk, Hybrid modes, one vlan interface for management
L2 Ring network protocol	Support STP, RSTP Support G.8032 ERPS protocol, single ring, associated ring and sub ring
Multicast	IGMP snooping
QoS	Ingress Port-based Rate-limit Egress Port-based Rate-limit
Security	Support port authentication, Support MAC authentication Support RADIUS service
Management & Maintenance	Support LLDP Support user management, login authentication Support SNMPV2C/V3 Support web management, HTTP1.1, HTTPS Support Syslog and hierarchical alarms Support RMON Support NTP Support Ping, Tracert Support optical transceiver DDM function Support Dying Gasp Support TFTP Client Support Telnet Server Support SSH Server Support TFTP, web upgrading
Power Supply	
Power Interface	DC5.5*2.1
Input Voltage	2.3A Max
Operating Voltage	44-57VDC (802.3af) 52-57VDC (802.3at)
Consumption	Maximum Power Consumption (without PoE load): ≤10W Maximum Power Consumption (with full PoE load): ≤120W
Industrial Standard	
EMS	Surge Protection (Ethernet Ports): IEC 61000-4-5 4KV (10/700us)
Free Fall	IEC 60068-2-32
Vibration	IEC 60068-2-6
Mechanical Structure	
Enclosure	Mental
Weight	0.5kg
Installation	Desktop, Rack-mountable (optional)
Dimension (W x H x D)	152x44x115mm
Cooling	Natural fanless cooling
Temperature	Operating: 0°C-55°C Storage: -10°C-60°C
Humidity	Operating: 10% ~ 90% RH, non-condensing Storage: 5% ~ 95% RH, non-condensing
MTBF	
Time	134412 hours
Standard	Telcordia (Bellcore), GB

Structure Diagram



Ordering Information

Item	Description
AS200/10/P	10/100/1000M 2SFP and 8POE, excluding SFP, L2 Managed PoE Switch