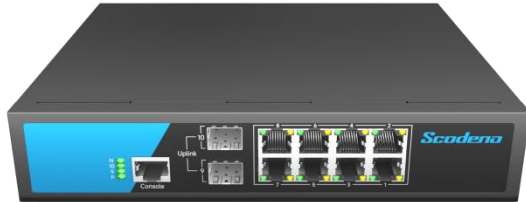# S200-10GPM-S2-AC
Managed PoE Ethernet Switch

Key Features:

Input Voltage： AC 100-240V   50/60Hz

Operating Temperature： -10℃ ～+50℃

Heat Dissipation： Fan cooling

Certification： CCC/CE/FCC/RoHS

ESD： 8KV-15KV

MTBF： 100000H

PRODUCT DESCRIPTION

The S200-10GPM-S2-AC 10-Port Managed PoE+ Ethernet Switch is equipped with 8x 10/100/1000BASE-T ports, 2x 1000M SFP Uplinks. 8x RJ45 Ports support both IEEE 802.3af PoE and IEEE 802.3at PoE+(up to 30W per Port) for powering attached IP phones, wireless access points, or other standards compliant PoE and PoE+ end network devices. The switch adopts the most cutting-edge Realtek chip.

This access switch delivers a compact, cost-effective solution for carrier' IP MAN and enterprise networks. Based on the high-performance hardware and management platform, it supports function such as ACL, QinQ and QoS. It's simple management mode and flexible installation can meet the requirement of any scenario.
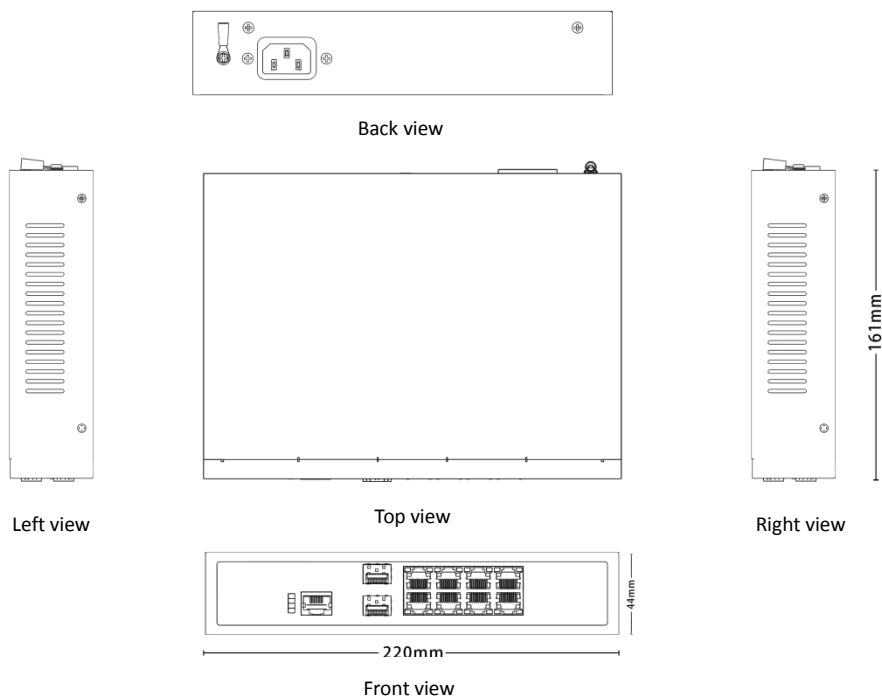
PRODUCT PARAMETERS

Provider Mode Ports	
Port type and quantity:	8 x 10/100/1000 Base-T+ 2x1000Base-X
Management Port	Support console
Power Supply	100-240V/AC
LED Indicators	PWR, Link/ACT LED
Network Size – length of cable	
Twisted pair (TP):	0-100m（CAT5e,CAT6）
Single mode Fiber (SMF):	20/40/60/80/100KM
Multimode Fober (MMF):	550m

Network Topology

Ring topology	Support
Star topology	Support
Bus topology	Support
Tree Topology	Support
Hybrid topology	Support

Electrical Specifications

Input voltage	AC 100-240V 50/60Hz
Power consumption:	< 120W
Main board power	< 10W

PoE Support

PoE port	1-8
PoE Protocol	802.3af，802.3at
Pin Assignment	1,2+; 3,6-
PoE Management	Support

Layer 2 Switching

Switching capacity	20Gbps
Packet forwarding rate	14.88Mpps
MAC address table	8K
Buffer	4.1M
Forwarding delay	<10us
MDX/MIDX	Support
VLAN	256
GVRP VLAN	Support
Protocol VLAN	Support
Voice VLAN	Support
Surveillance VLAN	Support
MAC VLAN	Support
Ethert channel/ 802 .3ad	Support
LACP	Support
Interface Speed	Support
Duplex Mode	Support
Flow Control	Support
Jumbo frame	Support
DHCP Client	Support
SNTP Client	Support
Port Statistics	Support
Protected Ports	Support
EEE	Support
Ethernet Ring Protection Switching	Support
LLDP	Support
LLDP 802.1 TLV	Support
MSTP / RSTP / STP	Support
STP BPDU Filter	Support
STP BPDU guard	Support
STP Port Fast	Support
IGMP Snooping	Support
MLD Snooping	Support

MVR	Support
Layer 3 Route	
IPV4 management	Support
IPV6 management	Support
Static Routes IPv4	32
Static Routes IPv6	32
ARP	Support
Loopback Interface	Support
DHCP Server	Support
DNS Server	Support
DNS Client	Support
Convergence	
ACL	Support MAC Standard/Extended ACL
	Support IPV4 Standard/Extended ACL
	Support IPV6 Standard/Extended ACL
QoS	Support QoS Remarking
	Support Port Trust
	Support Port bandwidth
	Support egress queuing bandwidth
	Support SP，WRR
	Support COS，DSCP，IP Priority
Management	
User Management	Support
System Log	Support
Upgrade Firmware	Support
Configuration File Download/Upload	Support
SNMP	Support SNMP V1/V2/V3
WEB	Support
Console	Support
CLI	Support
Telnet/SSH	Support
RMON	Support
Security	
management channel configuration	Support
AAA	Support
802.1X	Support
MAC-Based	Support
WEB-Based	Support
DoS	Support
ARP	Support
DHCP Snooping	Support
IP Source Guard	Support
Port Security	Support
Protected Ports	Support
Storm control	Support
Equipment diagnosis	

Console log	Support
RMA log	Support
Flash log	Support
Port mirroring	Support 1:1 or 1:M
Ping	Support
Traceroute	Support
Copper port test	Support
SFP transceiver information	Support
UDLD protocol	Support
Environment	
Operate temperature	-10ºC to 50ºC
Storage temperature	-40ºC to 85ºC
Relative humidity	10% to 90% RH
Heat Dissipation Method	Fanless, natural cooling
MTBF	100,000H
Mechanical Dimensions	
Dimensions (WxHxD):	220*161*44mm
Mounting	Desktop
Weight	1kg
EMC & INGRESS PROTECTION	
Surge protection of Power	6 kV (line/earth), 2 kV (line/line)
Surge protection of Ethernet	4 kV (line/earth), 2 kV (line/line)
Electrostatic discharge (ESD)	8 kV contact discharge，15 kV air discharge
Free fall	0.5m
Accessories	
Accessories	Device, Power cord, User manual

SIZE AND APPEARANCE

Back view

Left view

Top view

Right view

161mm

Front view

44mm

220mm

Scodeno