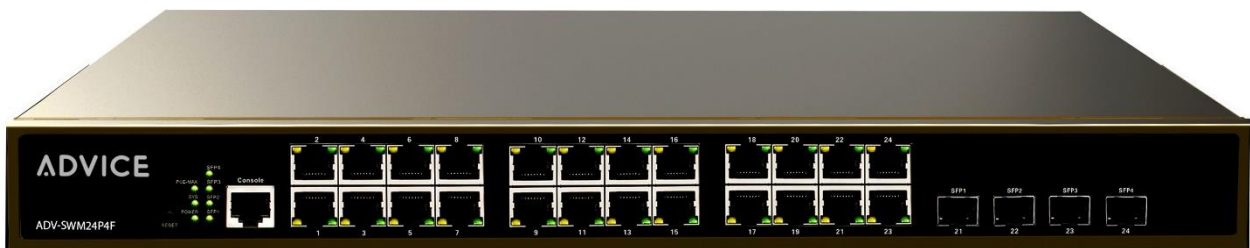# ADV-SWM24P4F

Managed Switch 24-Port 10/100/1000T 802.3at PoE +4 Combo Port 100/1000X SFP

ADV-SWM24P4F Advice managed PoE Switch developed independently for requirement of building high-performance Gigabit Ethernet network. With 24 10/100/1000 Base-T Ethernet ports and 4 extra independent 1000Base-X Gigabit SFP ports, various ports allow users networking more flexible. RJ45 ports 1~24 support IEEE 802.3af PoE (15.4W) or 802.3at PoE+ (30W) standard. In addition to these, it provides stronger safety protection system, improved QoS policy, multiple VLAN features and higher availability of maintenance.

For enhance safe feature, all of this series product support IP-MAC-Port-VLAN binding, IP/MAC/ARP filtering, can filter related data which assist to build reliable and high-perfor-mance network to meet the requirement of Gigabit wireless cabling and HD monitor network for large and medium enter-prise, star hotel and large shopping mall.

Features:

• 24 10/100/1000 Base-T Ethernet ports and 4 extra independent 1000Base-X Gigabit SFP ports.

• Ports 1-24 support IEEE 802.3af/at PoE standard; up to 30W power output per PoE port.

• Allows and assures packets to be forwarded by all ports at full wire speed

• supports VLAN, IGMP, QoS, DHCP Snooping, Telnet, etc.

• With inductive lightening protection towards the power adapter and ports, and enterprise-level design of 1U(thickness)-steel casing and 19-inch rack; With the help of hangers, it can be installed on the standard rack.

Hardware Features

Model		ADV-SWM24P4F
Standards and Protocols		IEEE802.3, IEEE802.3u, EEE802.3z, EEE802.3ab, IEEE802.3x, IEEE802.1D, IEEE 802.1w, IEEE 802.1s, IEEE 802.3af, IEEE 802.3at,IEEE 802.1Q, IEEE 802.3ad
Switching capacity		56Gbps
Throughput		35.7Mpps
Dimensions (W×D×H)		440mm*284mm*44mm
MTBF		≥100,000 hours(about 11 years)
Indicators		Link/Act, PoE Status, Power, System, PoE Max
Interfaces		24 10/100/1000Mbps RJ45 Ports (Data/PoE) 4 Combo 100/1000Mbps SFP Slots(Data) 1 Console Port (Auto Negotiation/Auto MDI/MDIX)
Capacity	Wire-speed forwarding	Support
	Forwarding mode	Store-forward and cut-through
	Mac Address Table	8K
PoE Supply		Port 1 to Port 24 support standard IEEE802.3at/af Power (maximum power for each port is 30W), PoE power type is end-span(12+, 36- line pair)
Input Voltage		AC:100 - 240VAC ~50/60Hz 6A
Power consumption		max. no PD connected:15WPower Supply:370WW
Input Voltage		AC:100 - 240VAC ~50/60Hz 6A
Environment		Operating Temperature: 0℃~40℃ (32℉~104℉) Storage Temperature: -40℃~70℃ (-40℉~158℉) Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing

Software Features

PoE management	Support setup of PoE and power adjustable by priority; Support over temperature protection for PoE module; Support graphical management, detection of PD equipment and setting of the power consumption; PoE control and schedule by hour/weekly basis
MAC table	Supports up to 24 VLAN IDs Port VLAN Supports up to 128 VLAN IDs 802.1Q VLAN Supports up to 16 VLAN IDs Protocol-based VLAN Supports up to 64 VLAN IDs MAC VLAN Supports Voice VLAN
Security	IP-MAC-Port-VID Binding IEEE 802.1X Port/MAC Based authentication DoS Defence Dynamic ARP inspection Port Security Broadcast/Multicast/Unknown-unicast Storm Control
DHCP	DHCP Client DHCP Snooping DHCP Relay DHCP Snooping option82/DHCP Relay option82l
Link aggregation	IEEE 802.3ad LACP; Static Trunk Supports 2 groups of 8-Port trunk support
STP	STP/RSTP/MSTP
IGMP Snooping	IGMP (v1/v2) Snooping; IGMP Fast Leave mode support
Port Mirroring	N: 1 port mirroring
QoS	802.1p and DSCP priority re-marking; Flow control; Flexible queue scheduling algorithm can be set based onport and queue, support SP, WRR
Firmware upgrade	Upgrade via the Web; Support downloading and upgrading through; TFTP
Management and maintenance	Support configuration through CLI, Telnet, Console port; Support SNMP v1/v2/v3 and WEB-based management; Support system log, Warning, debugging information output; Support PING, Tracert, LLDP; Support loopback detection
Certification	FCC CE RoHS

* Product specifications are subject to change without further notice