



ISO 9001:2000 Certified Company

## Description

ATMIS-624PS is a cost-effective layer 2 full gigabit Ethernet switch developed by our company based on simple WEB management. It supports 4 Gigabit Ethernet electrical interfaces (RJ45) and 2 Gigabit Ethernet optical interfaces (SFP), and supports port, VLAN, RSTP and other rich layer 2 software features. Supports easy-to-use Web management and SNMP-based third-party network management software. According to the characteristics of the industrial environment, the products are strictly selected components, and the corrugated high-strength aluminum shell is used to achieve IP40 shell protection level and industrial 3 electromagnetic anti-interference protection performance, so that the equipment can work in the -40°C -85 °C harsh environment, can effectively resist static electricity, lightning strike, pulse interference. Aseismic rail installation ensures the stability and safety of industrial Ethernet switches. The product is widely used in intelligent transportation, energy, power, security and other harsh industrial automation environment, to provide low-cost, fast, reliable communication solutions.

## Features

- ◆ Comply with IEEE 802.3, 802.3u, 802.3/ab 10/100/1000BASE-T and other international standards
- ◆ Comply with IP40
- ◆ IEEE802.3af/at port support standard PoE power supply, power up to 30W maximum power supply
- ◆ Automatic detection and recognition of the receiving equipment in accordance with IEEE802.3af/at standard
- ◆ Support cable fault detection, a key to restart and restore the factory function
- ◆ Comply with CE, FCC and other related standards
- ◆ Support spanning tree (STP), fast spanning tree (RSTP) protocol and multi spanning tree (MSTP) protocol
- ◆ Support VLAN 802.1Q, basic QinQ and flexible QinQ, support up to VLAN 4K table entry
- ◆ Support port aggregation and 1:1 port protection
- ◆ Support IEEE802.3ah, IEEE802.1ag and Y.1731 OAM Management Protocol
- ◆ Four Gigabit electrical ports + two Gigabit optical ports
- ◆ 802.1Q VLAN and Port VLAN are supported
- ◆ Supports port rate limiting with 8Kbps particles
- ◆ Supports broadcast, multicast, and unknown unicast storm suppression
- ◆ Supports RSTP(IEEE 802.1W) fast spanning tree protocol
- ◆ Supports WEB and SNMP V1, V2c, and V3 network management
- ◆ POE This parameter is optional and supports IEEE 802.3. AF/AT POE standards
- ◆ Dual DC input redundant power supply
- ◆ Industrial class 3 electromagnetic interference protection, adapt to the harsh electromagnetic interference environment
- ◆ Corrugated high strength aluminum shell patented technology, enhanced surface heat dissipation, IP40 protection class, no fan
- ◆ Operating temperature: -40°C~+85°C

**ANDA Telecom Pvt. Ltd.**

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## Specification

### Standard

IEEE 802.3	10Base-T 10Mbit/s Ethernet
IEEE 802.3u	100Base-TX, 100Base-FX, Fast Ethernet
IEEE 802.3ab	1000Base-T Gigabit/s Ethernet over twisted pair
IEEE 802.3z	1000Base-X Gigabit/s Ethernet over Fiber-Optic
IEEE 802.1d	STP (Spanning Tree Protocol)
IEEE 802.1w	RSTP (Rapid Spanning Tree Protocol )
IEEE 802.3af	PoE (Power over Ethernet)
IEEE 802.3at	PoE+ (Power over Ethernet enhancements)

### Switch Properties

**Length of forwarding frame: maximum 16K bytes**

**MAC address: 4K**

**Packet forwarding : 8.928Mpps**

**VLAN type: Port VLAN, 802.1Q**

**VLAN number: 4 k**

**VLAN port mode: Access, Trunk, or Hybrid**

**Switching Capacity : 12 GBPS**

**Spanning tree protocol: RSTP**

**Storm suppression types: Broadcast, multicast, and Unknown unicast**

### Interface

RJ45 Ports:	4 or 8 10/100/1000M Base T adaptive
Fiber Ports:	2 100/1000M Base SFP
Button	Reset button

### PoE

Standard	IEEE 802.3at/ 802.3af
Ping Assignment	PoE supports (Pin1, 2 for Positive (V+), PIN3, 6 for Negative(V-))
POE Schedule	Supported
Auto Reset power	Supported

### Certification

EMC	CE
EMI (Electromagnetic Interference)	FCC CFR47 Part 15, EN55022/CISPR22, Class A
EMS (Electromagnetic Susceptibility) Protection Level	EN61000-3-2 EN61000-3-3 IEC61000-4-2 (ESD): level 4 IEC61000-4-3 (RS): level 3 IEC61000-4-4 (EFT): Power Port: level 4 IEC61000-4-5 (Surge): Power Port: level 4 IEC61000-4-6 (CS): 3V (10kHz-150kHz); level 3 IEC61000-4-16 (Common mode conduction): level 3

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IEC60068-2-6 (Vibration)  
IEC60068-2-27 (Shock)  
IEC60068-2-32 (Free Fall)

### Operation

Temperature -40 to 85°C  
Humidity 5 TO 95% non-condensing

### Power

DC 12~48 VDC

### Dimension

Size(W x H x D) 40mm x 104mm x 90mm

### Management

Management mode: WEB, SNMP

Configuration management: Upload and download WEB configuration files and restore factory defaults

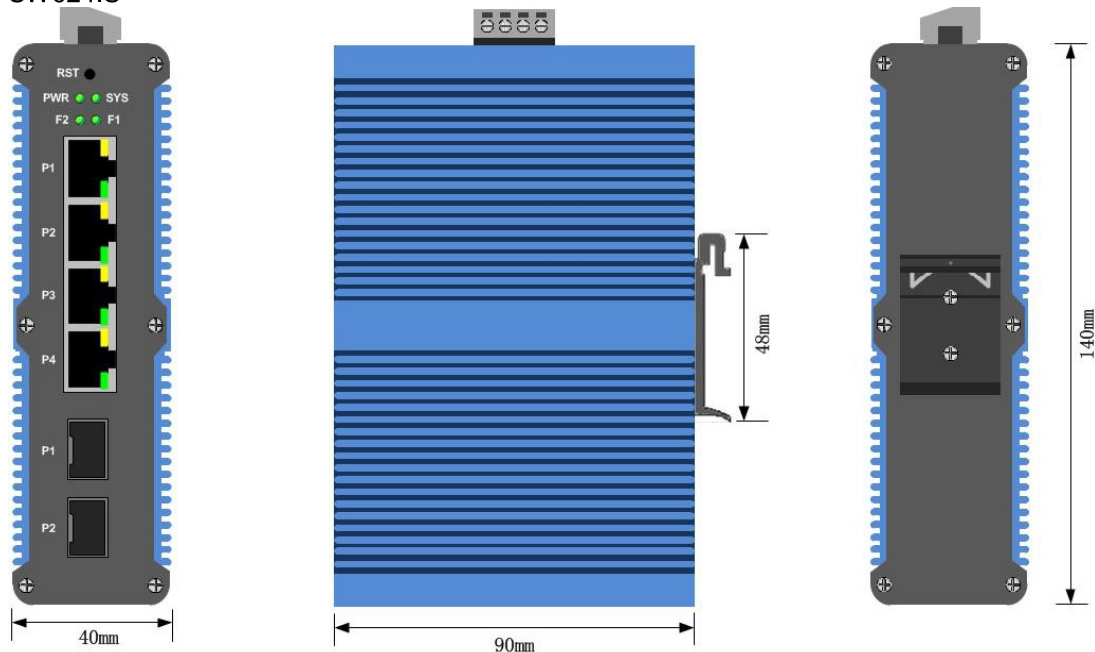
User management: Change user passwords

System upgrade: WEB upgrade

System maintenance: optical module diagnosis, port statistics, fiber outage alarms, and power outage alarms

## Dimension

SW624IS



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