# DATA SHEET

**HRUĬ**

# 26 Port Gigabit Intelligent PoE Switch

CE FC RoHS

26 Port Gigabit Ethernet Power Switch (PoE switch) with high quality and high-speed network IC and the most stable PoE chips, provide seamless connections to 10/100/1000M Ethernet, and the PoE supply port can automatically detect and supply receiving devices meeting IEEE802.3af/at standard, non-PoE devices intelligently detect no power and only transmit data.

PoE technology (Power over Ethernet), Ethernet power supply technology, while also providing DC power supply technology for some IP-based terminals, such as IP phones, wireless access AP, network cameras, etc. DC receiving devices called powered devices.

With simple and convenient installation and maintenance means and rich business characteristics, we can help users to build a safe and reliable high-performance network. It is mainly located in the core or convergence layer of user networks of industrial parks, buildings, factories and mines, government organs, community broadband; and can be widely used in small and medium-sized enterprises, Internet cafes, hotels, schools and other Ethernet access scenarios.

## Main Feature

- Support 24 Gigabit PoE ports, +2 Gigabit SFP ports
- Comply with IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3ab, IEEE802.3z Standard
- Ethernet ports support 10/100/1000M adaptive and POE features
- Support for port automatic flip (Auto MDI/MDIX), adopt store-and-forward switching mechanism
- Zero configuration feature, automatically supplied to adaptive equipment
- Panel indicators monitor operating status and help with fault analysis
- Support the 1-8-port QoS Priority
- Three-gear one-key intelligent code dialing switch, supporting VLAN, Default, Extend three modes
- Comply with IEEE802.3at (30W) and IEEE802.3af(15.4w)

## Application Environment

**Urban optical fiber broadband network:**

Telecommunications, cable TV, network system integration, according to network operators.

**Broadband special network:**

Suitable for finance, government, oil, electricity, public security, education and other industries.

**Multimedia transmission:**

Image, voice, data comprehensive transmission, suitable for remote teaching, conference television, video telephone and other applications.
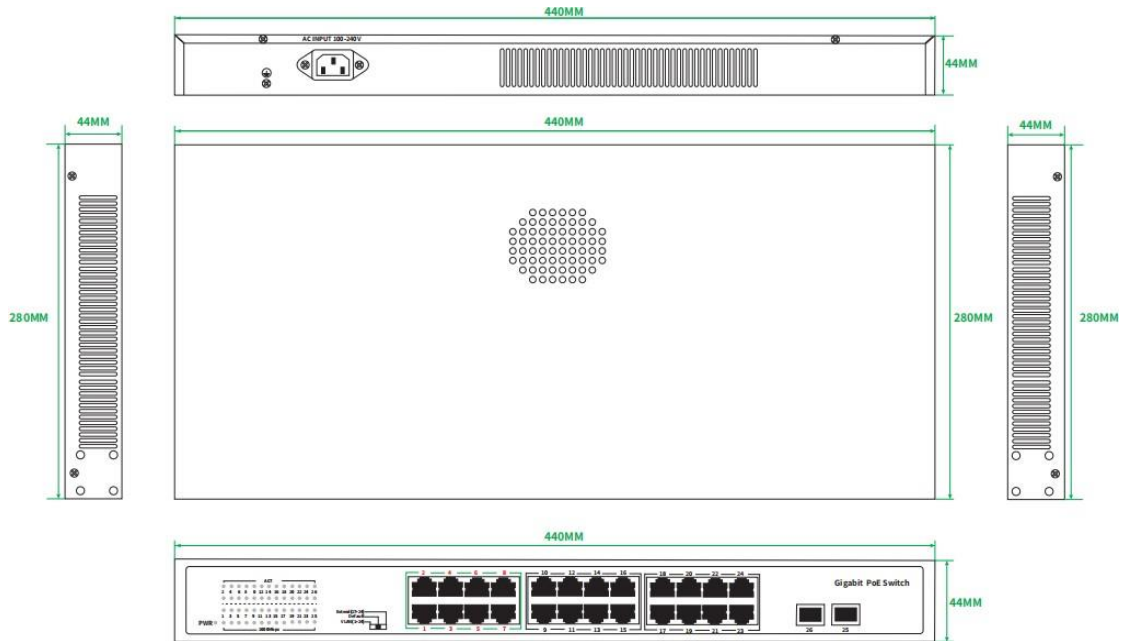
**Real-time monitoring:**

Real-time control of signal, image and data for simultaneous transmission.

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| Specification | |
|---|---|
| I/O interface | |
| Power | AC100-240V/50-60Hz |
| Ethernet | 24* 10/100/1000M PoE ports<br>2* Gigabit SFP ports |
| **Performance** | |
| Bandwidth | 52 Gbps |
| Packet Forwarding Rate | 38.68Mpps |
| Package Cache | 4Mbit |
| MAC Address | 8K |
| Jumbo Frame | 9.6kbytes |
| Forwarding Mode | Store and forward |
| MTBF | 100000 Hours |
| **Standard** | |
| | IEEE802.3 (Ethernet)<br>IEEE802.3u (Fast Ethernet)<br>IEEE802.3ab(Giga Ethernet)<br>IEEE 802.3z:1000BASE-X<br>IEEE 802.3x: Flow Control |
| PoE Standard | IEEE802.3af (15.4W)<br>IEEE802.3at (30W) |
| Industry Standard | EMI: FCC Part 15 CISPR (EN55032) class A<br>EMS: EN61000-4-2 (ESD),<br>EN61000-4-5 (Surge) |
| Network medium | 10Base-T: Cat 3, 4, 5 Class or above UTP/STP (≤ 100m)<br>100Base-TX: Cat 5 Class or above UTP/STP (≤ 100m)<br>1000Base-TX: Cat 5 Class or above UTP/STP (≤ 100m) |
| Optical Medium | Multimode optical fiber: 50/125, 62.5/125, 100/140um<br>Single-mode optical fiber: 8/125, 8.7/125, 9/125, 10/125um |

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| Certification | |
|---|---|
| Safety Certificate | CE, FCC, RoHS |

| Environment Standard | |
|---|---|
| Working Environment | Working Temperature: -10~50°C<br>Storage Temperature: -40~70°C<br>Working Humidity: 10%~90%, non-condensing<br>Storage Temperature: 5%~95%, non-condensing |

| Physical Specification | |
|---|---|
| Structure Size | Product Dimensions: 440*280*44mm<br>Package Dimensions: 500*365*85mm<br>Product N.W: 3.55KG<br>Product G.W: 4.20KG |
| Packing Info | Carton Dimensions: 520*445*385mm<br>Packing Qantity: 5 PCS<br>Packing Weight: 21.88 KG |
| Power Voltage | Input Voltage : AC 100-240 V<br>Power Supply: 52V7.69A |
| power | Product power: ≤ 20W<br>POE power: ≤ 380W |
| Package List | Switch 1 pc, Power cord 1 pc, User manual 1 pc, Warranty card 1 pc, Brackets 1 pair |

| Indicator | |
|---|---|
| Indicator | PWR(Power Light), Link(Link Light), ACT(Data Light) |
| VLAN | VLAN:1-24 ports are isolated from each other and communicate with two optical ports |
| Default | Default:1-24 ports standard exchange, free communication for all ports |
| Extend | Extend:17-24 port 10M mode, link extended to 250 m |

| Order Info | |
|---|---|
| HR901-AFG-242S-400 | 26 Port Gigabit Intelligent PoE Switch |

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## Product Structure



## Application