

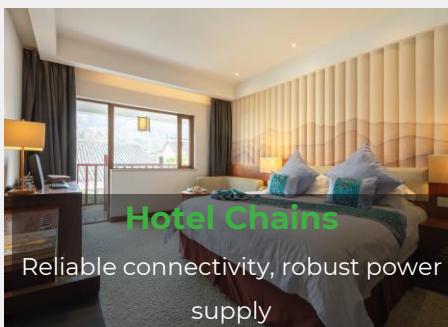
Powerful connectivity, convenient management

ES620 Enterprise Switch

- 28*GbE RJ45
- PoE
- High Performance
- Cloud-Managed



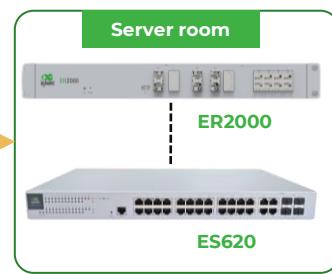
The ES620 switch features 24 gigabit ports and 4 combo ports, supporting PoE on all 24 ports. It offers exceptional data handling capabilities, ensuring stable performance in large-scale data transfer and complex network environments, making it a reliable and convenient solution for enterprise networking. Its extensive access capacity and powerful PoE capability make it ideal for hotels, campuses, and dormitories. Additionally, the device is managed through the InCloud Manager platform, providing a comprehensive visual interface for easy network monitoring, simplified configuration, and enhanced management, helping businesses reduce costs and improve efficiency.



Solution



Hotel Network



Internet

Features and Advantages

- **High-performance data forwarding**

The ES620 switch stands out with its high-performance forwarding capabilities, efficiently handling large-scale data traffic. It ensures exceptional performance even in complex network environments, guaranteeing stable connections and fast access for every terminal device, significantly enhancing user experience.



- **28*Gigabit Ethernet ports**

The ES620 switch is equipped with 28 Gigabit Ethernet ports, providing robust network connectivity for businesses. It is particularly suitable for network access in hotels, dormitories, campuses, and similar environments.



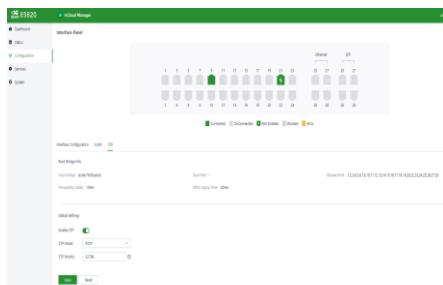
- **Smart PoE, powerful power supply**

The ES620's 24 ports support simultaneous power supply, with a maximum output of 30W per port and a total maximum output of 450W for the entire device. While ensuring network access, it provides continuous and stable power for cameras, APs, and other devices.



- **Simple configuration**

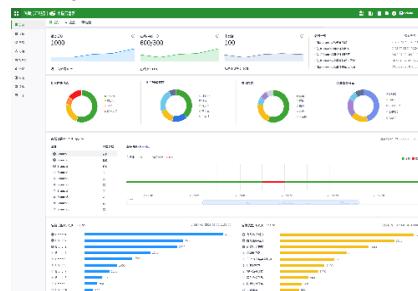
The ES620 supports a graphical user interface, making configuration simple and intuitive. Even those without professional IT skills can easily master it.



Graphical user interface

- **Multidimensional visual monitoring**

The ES620 supports multidimensional visual charts, including online history, network status, interface status, device alerts, and events. This helps IT personnel fully understand the network's operation, improving maintenance efficiency.



Visual charts

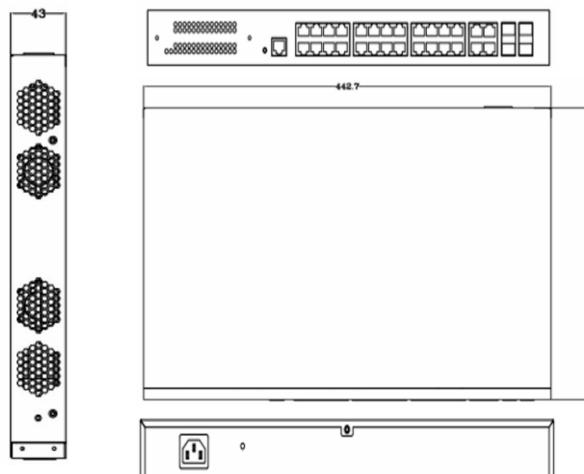
- **Centralized management**

InCloud Manager supports the integration of ER series routers, ES series switches, and EAP series wireless products, allowing users to manage and maintain networks across various scenarios through a single platform.

| InCloud Manager | | | | | | | | | |
|-----------------|----|-------------|--------|--------|---------------------|----------|--------|-------------|-------------|
| Day/Time | ID | IP Address | Device | Status | Last Update | Last Log | Logs | Packets | Memory |
| | | | | | | | | | |
| Day | 1 | 192.168.1.1 | ES620 | Normal | 2023-09-01 10:00:00 | Normal | Normal | 10000000000 | 10000000000 |
| Time | 1 | 192.168.1.1 | ES620 | Normal | 2023-09-01 10:00:00 | Normal | Normal | 10000000000 | 10000000000 |
| IP | 1 | 192.168.1.1 | ES620 | Normal | 2023-09-01 10:00:00 | Normal | Normal | 10000000000 | 10000000000 |
| Port | 1 | 192.168.1.1 | ES620 | Normal | 2023-09-01 10:00:00 | Normal | Normal | 10000000000 | 10000000000 |
| Log | 1 | 192.168.1.1 | ES620 | Normal | 2023-09-01 10:00:00 | Normal | Normal | 10000000000 | 10000000000 |

Centralized management

Dimensions (mm)



Dimensions: 440 * 315 * 44(mm)



Product Specifications

| ES620 Hardware Specifications | |
|-------------------------------|--|
| Model | ES620 |
| Hardware Performance | |
| Switching capacity | 56 Gbps |
| Packet forwarding rate | 41 Mpps |
| RAM | 128 MB |
| FLASH | 32 MB |
| Appearance Description | |
| Ethernet port | 28*GbE RJ45 |
| PoE | 802.3 af/at 24*PoE |
| Console | 1* Console |
| Reset | 1*Reset Button |
| LED | 1* Power 1* System 24*PoE Status 28*Link Status |
| Fan | 4*Built-in fans |
| Power | |
| Power Supply | 100-240V AC,50-60Hz |
| Power Consumption | Total power consumption 400 W PoE power consumption 370 W |
| Environment | |
| Operating Temperature | 0° C to + 45° C |
| Storage Temperature | -40° C to +70° C |
| Humidity | 95%RH @ 40° C |
| IP Level | IP20 |
| EMC | |
| EMC | Level 2 |
| Dimensions & Installation | |
| Dimensions | 440*315*44 mm |
| Material | Metal |
| Installation | 1U Rack |
| Certification | |
| In Planning: CE, FCC, IC | |

| ES620 Software Specifications | | |
|-------------------------------|--|------|
| Cloud Management | Unified device access Zero-touch remote deployment Batch upgrades and configuration deployment Cloud-connected remote maintenance Two-factor authentication | |
| InCloud Manager | Device statistics, connectivity status, connection quality analysis (latency, packet loss, throughput) Traffic statistics, interface status, client statistics analysis | |
| Visualization | | |
| Dashboard | IP Protocol | IPv4 |
| Network Protocol | vlan, stp, rstp, port management, traffic control, 802.1X*, PoE management, link aggregation*, loop detection*, broadcast storm* | |
| MAC Address | 8K | |
| Maintenance | | |
| Upgrade | Support for scheduled upgrades | |
| Logs | Supports operation logs and diagnostic logs | |
| Events | Supports user login, connection/disconnection, device restart, and other operational events | |
| Alerts | Supports SMS and email alerts | |
| Diagnostic | ICMP, Tracert, Tcpdump | |

Features marked with * are under development

Ordering Guide

| Model | Model code: ES620-<WMNN> |
|--------------|--|
| | <WMNN>: Hardware Specifications |
| ES620-24P-4F | <p>Global</p> <p>The ES620 enterprise-grade Layer 2 cloud-managed switch features a switching capacity of 56Gbps and a packet forwarding rate of 41Mpps, making it suitable for network access in hotels, dormitories, campuses, and similar environments</p> <p>24* GbE RJ45 Ports (802.3 af/at poe supply)</p> <p>4* Combo Ports</p> |

InHand Cloud-Managed Networking Solution

Our solution encompasses cloud-managed edge routers, Wi-Fi 6 AP, switches, 5G FWA/ODU cellular routers, and the InCloud Manager SaaS. By integrating top-tier IT management, IoT, 5G, and other technologies, we provide fast, secure, and user-friendly network solutions globally, enabling businesses to unlock boundless growth opportunities.



InCloud Manager

- Centralized management
- Efficient zero-touch deployment
- Simplified network configuration
- Multi-dimensional security
- Multiple intelligent strategies

5G SD-WAN Edge Router

- 5G (Sub 6)/ LTE CAT20
- Multilink Backup & Dual SIM failover
- 5*Gigabit Ethernet port, dual WAN
- 802.11ac dual-band, 1200Mbps
- SD-WAN, VLAN, VPN networking

Enterprise EAP600

- Wi-Fi6
- Dual-band, multiple SSIDs
- Maximum speed up to 3000 Mbps
- Mesh network, seamless roaming
- Cloud Management

About Us

InHand Networks is a leading IoT solutions provider founded in 2001, dedicated to driving digital transformation across industries and empowering customers to unlock their full potential and achieve accelerated growth.

We specialize in delivering industrial-grade connectivity solutions for diverse sectors, such as enterprise networks, industrial and building IoT, digital energy, smart commerce, and mobility. Our comprehensive product portfolio and services cater to various applications worldwide, including smart manufacturing, smart grid, intelligent transportation, smart retail, etc. With a global footprint spanning over 60 countries, we serve customers in China, the United States, France, Germany, the United Kingdom, Italy, and beyond.



43671 Trade Center Place, Suite 100, Dulles,
VA 20166, USA
T: +1 (703) 348-2988
E: info@inhand.com
www.inhand.com