



IS220 Series

L2 Gigabit Access Switch Datasheet

Product Overview

IS220 Series L2 gigabit WEB management access switch is developed for the Enterprise and SMB market. It provides the stable, reliable and high-performance switching service for high-speed internet. IS220 series provides the perfect solutions in the aspects of multi-service capability, reliability, management and maintenance. IS220 series can provide the low-cost, high-performance, and cloud management solutions for the SMB network access.

IS220 series switch includes IS220-20TF-AC, IS220-20TP-AC, IS220-28TF-AC, IS220-28TP-AC four models.

| Model Name | Specification |
|---|---|
|  IS220-20TF-AC | <ul style="list-style-type: none">● 16*10/100/1000M Base-T + 4*1G SFP● Switching Capacity: 40Gbps● Reset Button |
|  IS220-20TP-AC | <ul style="list-style-type: none">● 16*10/100/1000M Base-T + 4*1G SFP● 250W PoE&PoE+● Switching Capacity: 40Gbps● Reset Button |
|  IS220-28TF-AC | <ul style="list-style-type: none">● 24*10/100/1000M Base-T + 4*1G SFP● Switching Capacity: 56Gbps● Reset Button |
|  IS220-28TP-AC | <ul style="list-style-type: none">● 24*10/100/1000M Base-T + 4*1G SFP● 370W PoE&PoE+● Switching Capacity: 56Gbps● Reset Button |

Key Features

● Flexible Network Adaptability

The IS220 Series switches supports line-rate forwarding on all ports, providing greater network flexibility. Whether in small office networks or large-scale enterprise networks, this feature ensures data can be forwarded rapidly and efficiently, avoiding network transmission bottlenecks and delivering excellent network adaptability.

● Silent Design

The IS220 series switches (non-POE models) adopts a fanless and silent design, which does not affect the performance and service life of the entire machine, providing users with a quiet office and rest environment.

● Green Energy Saving

The IS220 Series switches adopts the ultimate energy-saving design concept. Brand-new hardware architecture, energy-saving circuit design, strict component selection and in-depth power conversion efficiency optimization reduce product energy consumption by more than 30%, which can significantly save users' electricity bills when deployed in batches.

● Simplified Operation and Maintenance

The IS220 series switch support cloud management, WEB management and MQTT protocol management. These versatile features enable network administrators to effectively manage, monitor, and maintain optimal network performance locally.

- Configure VLANs and Ports on Cloud APP
- Zero Touch Provision by Cloud
- Real Monitor Switch Status
- Simplify network management and save cost.
- Lifetime Management on Maipu Cloud at anytime anywhere.



Technical Specifications

| Hardware Specifications | | | | |
|---------------------------|---|--|--|--|
| Product Model | IS220-20TF | IS220-20TP | IS220-28 TF | IS220-28TP |
| Physical Traffic Port | 16*10/100/1000 Base-T interfaces, 4*1000M SFP interfaces | 16*10/100/1000 Base-T interfaces, 4*1000M SFP interfaces | 24*10/100/1000 Base-T interfaces, 4*1000M SFP interfaces | 24*10/100/1000 Base-T interfaces, 4*1000M SFP interfaces |
| Switching Capability | 40Gbps | 40Gbps | 56Gbps | 56Gbps |
| Power Consumption | ≤21.6W | ≤280W | ≤21.6W | ≤400W |
| Max PoE Power Consumption | N/A | 250W | N/A | 370W |
| Fixed Power Supply | One | One | One | One |
| PoE Standard | N/A | IEEE 802.3af/at | N/A | IEEE 802.3af/at |
| Dimensions (W × D × H) | 44*440*208mm | | | |
| Power supply | Input Voltage (AC): 100 ~240V, 50/60Hz | | | |
| Temperature | Working Temperature -5 °C to 45 °C; Storage Temperature -40°C to 70°C | | | |
| Humidity | Operating Humidity 10% ~ 90%, non-condensing Storage Humidity 5% ~ 95%, non-condensing | | | |
| Software Features | | | | |
| Port | Port Speed, Auto-negotiation, Port Mode | | | |
| | Port Isolation | | | |
| | Port-based VLAN | | | |
| | Port Mirroring | | | |
| | Link Aggregation | | | |
| Network protection | Ring Protection | | | |
| | IP Source Guard | | | |
| MAC | Black Hole Mac | | | |
| | Static Mac | | | |
| | Mac Limit | | | |
| Multicast | IGMP Snooping | | | |
| Management | WEB | | | |
| | Cloud Management | | | |
| | MQTT | | | |

Order Information

| Model | Description |
|--------------------------|--|
| IS230 Series Host | |
| IS220 Series | IS220-20TF 16-Port 10/100/1000M Base-T interfaces, 4-Port 1G SFP interfaces, Single AC Power |
| | IS220-20TP 16-Port 10/100/1000M Base-T interfaces, 4-Port 1G SFP interfaces, 250W PoE&PoE+, Single AC Power |
| | IS220-28TF 24-Port 10/100/1000M Base-T interfaces, 4-Port 1G SFP interfaces, Single AC Power |
| | IS220-28TP 24-Port 10/100/1000M Base-T interfaces, 4-Port 1G SFP interfaces, 370W PoE&PoE+, Single AC Power |



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