

2200 Series 18, 24 Ports PoE+ Gigabit Switch

Unmanaged Plug and Play Ethernet PoE+ Fiber Switch

Infinique's IN2200U-26-400 is an Ethernet PoE+ Switch of Gigabit uplink high performance. It's has 24 Port Ethernet interfaces and high density Power-over-Ethernet (PoE) capabilities, making it an ideal choice for use as an access switch in network environments where high density PoE power is required. This switch delivers security features that are comprehensive and is ideal for indoor enclosures while adhering to overall IT network design, compliance, and performance requirements.

The switch has wide-ranging features and offers a cost effective and reliable communication network suitable for video surveillance applications, small business IT networks, smart buildings, and other similar installations where a cost-effective and reliable communication network is required.

Features and Benefits

- **Plug and Play PoE+ Connectivity**
Unmanaged Plug and Play PoE+ Switch with 24 RJ45 Ethernet 10/100/1000Base-T PoE Ports with 25.5W power per port and 2 SFP 1G Fiber Ports
- **Excellent Performance**
Switching capacity of 52 Gbps and forwarding speed of 1.488Mbps with 10K packets
- **Robust Design**
Aluminum Alloy Metal Enclosure, Fan-less Design, Excellent Heat Dissipation, Stable Operation, 1U Rack Mountable
- **Intelligent PoE Power Management**
Low Power Consumption, Port Prioritization, PoE Port Power Allocation, Network Management, Priority Setting, Power Status Viewing, Time Scheduling
- **Standards**
Supports QOS, MSTP, IGMP, RADIUS and complies with 802.3at, 802.3, 802.3u, 802.3x, 802.3ab, 802.1X, 802.1Q, 802.1P Standards

CONSTRUCTION



Dimensions
Width: 440 mm
Height: 44 mm
Depth: 275 mm

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FEATURES AND BENEFITS

Robust Design

Aluminum Alloy Casing, Unmanaged PoE+ Ethernet Switch, 1U Rack Mountable, IP40
Excellent Heat Dissipation with Fan-less design with operational temperature range from -20 to 55°C
Shock, Vibration, and Surge Proof with electrical noise immunity
Low Power Consumption with improved uptime, performance, and safety
Complies with industry specifications for industrial automation, ITS, and challenging environments

High Density Gigabit Ethernet PoE+ Switch

24 x 10/100/1000Base-T RJ45 Ethernet PoE+ Ports, 30W per Port (IEEE802.3af/at), Total Power Budget of 600W
2 x 1G Uplink SFP+ Ports (Data), Supports Single or Dual Fiber of Single or Multimode, LC Module
Auto-sensing, Full Duplex (IEEE802.3x) or Half Duplex, MDI/MDI-X, Non-blocking Wire-Speed Forwarding
Enables ready-to-use PoE devices, such as High Definition IP Cameras, Wireless Access Points, and IP Phones
Delivers multiple rings; redundant ring topology for network configurations
Extends geographical scalability where longer distance connectivity is required

Intelligent PoE Power Management

RJ45 Ports can support POE power supply to meet the needs of security monitoring, teleconferencing system, wireless coverage, and other scenarios.
IEEE 802.3af/at PoE Standard, without damaging non-PoE devices
Prioritization, supplies power first to port with high priority and manages allocation of power effectively
Network Management, PoE Port Power Allocation, Priority Setting, Power Status Viewing, Time Scheduling, etc.

Wide-Ranging Features

QoS, Priority mode based on 802.1P, Port and DSCP
IGMP V1/V2 and IGMP Snooping
ERPS/STP/RSTP/MSTP, Static and Dynamic Aggregation

Secure, Stable and Reliable

802.1X authentication
High Redundancy Power Supply, to provide long term and stable PoE power output
LED Indicators to show Power, Link and PoE Power Status
CCC,CE, FCC, RoHS Compliant

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TECHNICAL SPECIFICATIONS	
10/100/1000 PoE+ Ports	24 x RJ-45 Ports / 16 x RJ-45 Ports
1G SFP Uplink Ports	2 x 1G SFP Fiber Ports
PoE Standard	IEEE802.3at
PoE Ports	Ports 1-24 / 1-16, End-Span, Mid-Span (Optional)
Network Protocols	IEEE 802.3, 10BASE-T Ethernet IEEE 802.3u, Fast Ethernet Standard IEEE 802.3ab, Gigabit Ethernet Standard IEEE 802.3x, Full-Duplex Ethernet Data Link Layer Flow Control
Features	Half/Full-Duplex Operation at 10/100Mbps Full-Duplex Operation at 1000Mbps Auto-Negotiation for each port Auto MDI/MDIX
Host Support	IPv4 / IPv6 ready
LED Indicator Status	Power: Yellow, Per Port Link/Act: Yellow, SFP: L/A Green, PoE: Green
RJ-45 Interface	10/BASE-T, 100BASE-TX, and 1000BASE-T
Factory Reset	Factory Reset Button
SWITCH PERFORMANCE	
Switching Bandwidth	52 Gbps
Forwarding Rate	1000M Line Speed, 10K Packet Length, 4.1M Packet Buffer
Network Delay	< 20 msec
Buffer Memory	96KB
MAC Addresses Table Size	1000
MTBF	190,000 hours
POE AND POWER MANAGEMENT	
PoE Power Budget	440W, Max 25.5W Per Port / 200W, Max 30W Per Port
Power Supply Pin	Default: 1/2 (+), 3/6 (-)
Power Supply	Built-in, AC100~240V 50-60Hz 5A
Power Consumption	Standby <25W, Full Load <440W
Power Input Interface	Dual Input Power Interface, AC Power Supply Priority, Anti-reverse Protection, power-off automatic switching DC connection; 2 set DC12-48V input interfaces; Way Alarm Switch Interface; 1 set of AC Power Input Interface
Green Energy (EEE)	IEEE802.3az Energy Efficient Ethernet Task Force
ENVIRONMENT	
Operating Temperature	-20°C to 55°C
Operating Relative Humidity	10% - 90%, non-condensing
Storage Temperature	-40°C to 80°C
Storage Relative Humidity	5% - 90%, non-condensing
Working, Storage Altitude	up to 10,000 ft / 3000 m
PHYSICAL CHARACTERISTICS	
Dimensions	440 (w) x 275 (d) x 44 (h) mm
Weight	4.6 kg
Mounting Enclosure	1U, 19 inch rack mountable
ORDERING INFORMATION	
PART NUMBER	DESCRIPTION
IN2200U-26-400	Infinique IN2200U Series 26 Ports Gigabit PoE+ Switch, 24 1G PoE+ Ports, 2 SFP 1G Ports, Switching Capacity 52 Gbps, PoE Power Budget 400W, Plug and Play Configuration, Power Cord Included, Desktop or Rack Mountable
IN2200U-18-200	Infinique IN2200U Series 18 Ports Gigabit PoE+ Switch, 16 1G PoE+ Ports, 2 SFP 1G Ports, Switching Capacity 52 Gbps, PoE Power Budget 200W, Plug and Play Configuration, Power Cord Included, Desktop or Rack Mountable
IN-SFP-T1G-SMLCD	Infinique 1G SFP Module Transceiver, 1310nm, 20 KM, Dual Fiber, Singlemode LC Duplex
IN-SFP-T1G-MMLCD	Infinique 1G SFP Module Transceiver, 850nm, 500 M, Dual Fiber, Multimode LC Duplex



Infinique, a Canadian company is a manufacturer of high performing end-to-end solutions in copper, fiber and video surveillance systems. For more information visit our website at www.infinique.com or email us at sales@infinique.com.