

Compact and Agile, Easy to Deploy



ES220 Economical Switch

· Plug and Play

· Unmanaged

· PoE

· 5/8 GbE Ports

1. Product Overview

The ES220 series is specifically designed for chain branches and small to medium-sized business network scenarios, offering a cost-effective unmanaged switch solution. This series provides 5-port and 9-port models, supporting up to 8 PoE output ports to flexibly meet the LAN device access needs of retail stores and small office environments.

Features and Advantages:

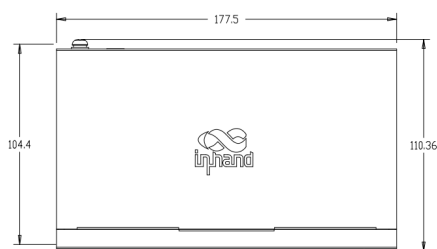
- **Plug and Play:** Unmanaged design, no configuration required
- **PoE Power Supply:** Some models support PoE, transmitting power and data through a single cable
- **Multiple Device Connections:** Store-and-forward mode, up to 18 Gbps switching capacity, Auto MDI/MDIX, half-duplex and full-duplex auto negotiation
- **One-Click VLAN:** ES220-4P-1T supports one-click VLAN for LAN isolation and broadcast storm prevention
- **Compact and Lightweight:** Flexible installation, desktop or wall-mounted

Core Technical Specifications

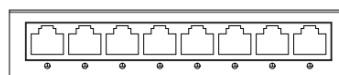
Technical Item	Specification
Type	Unmanaged Layer 2; plug-and-play
Switching Capacity	10 Gbps (5-port) / 16 Gbps (8/9-port)
Forwarding / MAC	Store-and-forward; 2K
PoE	ES220-4P-1T: 52 W; ES220-8P-1T: 120 W (802.3 af/at); ES220-5T / 8T: no PoE
One-Click VLAN	ES220-4P-1T: ports 1–4 isolated, uplink to port 5
Gigabit Ethernet	5 / 8 / 9 × 10/100/1000 Mbps; Auto MDI/MDIX

Technical Item	Specification
Power	Non-PoE: 5 V / 1 A DC; PoE: 55 V DC (Icc per model)
Mechanical / Install	Metal; fanless; desktop / wall; 84 × 47.8 × 25.6 mm ~ 178 × 104 × 26 mm
Environment	Op. 0 °C ~ +40 °C; stg. -10 °C ~ +70 °C; 10–90% RH
Compliance	CE, FCC; 1-year warranty

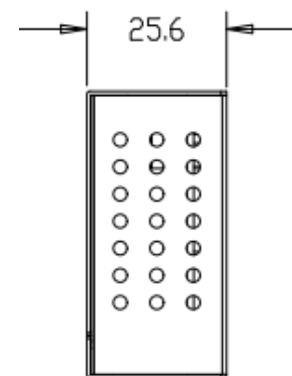
2. Product Dimensions



Front View



Interface Dimensions



Side View

Note:

1. All dimensions are in millimeters (mm).
2. Dimensions vary by model; see product specifications.
3. All dimensions are approximate, for reference only.
4. Dimensions shown shall not be used for production.

3. Hardware Specifications

Category/Parameter	ES220-5T	ES220-4P-1T	ES220-8T	ES220-8P-1T
Performance Metrics				
Switching Capacity	10 Gbps	10 Gbps	16 Gbps	16 Gbps
MAC Address Table	2K	2K	2K	2K
Forwarding Mode	Store-and-forward	Store-and-forward	Store-and-forward	Store-and-forward
Interfaces				
Ethernet	5 × 10/100/1000 Mbps	5 × 10/100/1000 Mbps	8 × 10/100/1000 Mbps	9 × 10/100/1000 Mbps
PoE	No	Ports 1–4, 802.3 af/at, 52 W	No	Ports 1–8, 802.3 af/at, 120 W
Polarity Reversal	Auto MDI/MDIX	Auto MDI/MDIX	Auto MDI/MDIX	Auto MDI/MDIX
Duplex	Auto negotiation, half-duplex and full-duplex	Auto negotiation, half-duplex and full-duplex	Auto negotiation, half-duplex and full-duplex	Auto negotiation, half-duplex and full-duplex

Category/Parameter	ES220-5T	ES220-4P-1T	ES220-8T	ES220-8P-1T
One-Click VLAN	—	Ports 1–4 isolated, connected to port 5	—	—
Power				
Input	5 V / 1 A DC	55 V / 1.3 A DC	5 V / 1 A DC	55 V / 2.55 A DC
LEDs				
LED	Power, network port	Power, network port, PoE	Power, network port	Power, network port, PoE
Mechanical				
Housing	Metal	Metal	Metal	Metal
Cooling	Fanless	Fanless	Fanless	Fanless
Dimensions (mm)	84 × 47.8 × 25.6	100 × 99.4 × 26	126 × 53 × 25.6	178 × 104 × 26
Installation	Desktop, wall-mounted	Desktop, wall-mounted	Desktop, wall-mounted	Desktop, wall-mounted
Environment				
Operating Temperature	0 °C ~ +40 °C	0 °C ~ +40 °C	0 °C ~ +40 °C	0 °C ~ +40 °C
Storage Temperature	-10 °C ~ +70 °C	-10 °C ~ +70 °C	-10 °C ~ +70 °C	-10 °C ~ +70 °C
Humidity	10–90 %	10–90 %	10–90 %	10–90 %
Certification				

Category/Parameter	ES220-5T	ES220-4P-1T	ES220-8T	ES220-8P-1T
Certification	CE, FCC	CE, FCC	CE, FCC	CE, FCC
Warranty	1 year	1 year	1 year	1 year

4. Software Specifications

Category/Parameter	Specification
Operating Mode	
Management	Unmanaged Layer 2 switch; plug-and-play; no configuration required
Model-Specific	
One-Click VLAN	ES220-4P-1T only: quick LAN isolation; ports 1–4 isolated from each other and connected to port 5

5. Ordering Information

Model Code

Model code: ES220-\u003cWMNN\u003e\u003cT\u003e: Gigabit Ethernet;
\u003cP\u003e: PoE

Product Models

Model	Region	Specification
ES220-5T	Global	Unmanaged Layer 2 switch, 5 × GbE ports
ES220-4P-1T	Global	Unmanaged Layer 2 switch, 5 × GbE ports, ports 1–4 PoE, max 52 W

ES220-8T	Global	Unmanaged Layer 2 switch, 8 × GbE ports
ES220-8P-1T	Global	Unmanaged Layer 2 switch, 9 × GbE ports, ports 1–8 PoE, max 120 W

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