i-Net Networks

Ethernet Switch

Description

The Ethernet Switch provides 10/100Mbps Auto-Negotiation RJ45 ports. All ports support Auto MDI/MDIX function, eliminating the need for crossover cables or Uplink ports. The Switch is Plug-and-Play and can be simply plugged into a server, a hub or a switch. The Switch delivers superior performance.

Feature

- Complies with IEEE802.3, IEEE802.3u standards.
- Supports IEEE802.3x flow control for Full Duplex mode and back-pressure for half-duplex mode.
- 10/100Mbps Auto-Negotiation RJ45 ports supporting Auto-MDI/MDIX.
- Supports Store and Forward with independent port bandwidth.
- Supports MAC address auto-learning and auto-aging.
- LED indicators for monitoring Power, Link, Activity.
- Plastic/Metal case, desktop/wall-mounting design.
- External/Internal Power Adapter supply.

Specification

Standards	IEEE802.3 10Base-T, IEEE802.3u 100Base-TX
Network Media	10Base-T: UTP category 3, 4, 5 cable (maximum 100m) EIA/TIA-568 100Ù STP (maximum 100m) 100Base-Tx: UTP category 5, 5e cable (maximum 100m) EIA/TIA-568 100Ù STP (maximum 100m)
Number of Ports	8, 24, 48
LED indicators	10/100M Link/Act and Power
Transfer Method	Store-and-Forward
Switching Capacity	8 Port—1.6G; 24 Port—4.8G and 48 Port—9.6G
MAC Address	4K (8 Port), 8K (24 and 48 Ports)
MAC Address Learning	Automatic learning, Automatic Update
Frame Filtering and Forward Rate	10Mbps: 14880pps, 100Mbps: 148800pps
Dimensions (W×D×H)	180×104×30mm (8 Port), 440×205×44mm (24 and 48 ports)
Environment	Operating Temperature: 0 C~40 C (32 F~104 F) Storage Temperature: -40 C~70 C (-40 F~158 F) Operating Humidity: 10%~90% non-condensing Storage humidity: 5%~90% non-condensing
Input	Power 180-260V AC 50-60Hz
Mounting	8 Port — Table Top or Wall Mount; 24 and 48 Ports — 19" Rack Mount

Ordering Information

ES-F08-000	i-Net Networks Ethernet Switch 10/100 Mbps 8 Port Desktop 220/110V DC Adapter UK
ES-F24-000	i-Net Networks Ethernet Switch 10/100 Mbps 24 Port 19" Rack Mount 220/110V AC UK
ES-F48-000	i-Net Networks Ethernet Switch 10/100 Mbps 48 Port 19" Rack Mount 220/110V AC UK