



**INTELLINET**  
NETWORK SOLUTIONS

BRINGING NETWORKS TO LIFE



# Gigabit Ethernet Desktop Switch

**24-Port, Metal Chassis**

**Model**  
523523

## Boost your network speed.

The INTELLINET NETWORK SOLUTIONS™ Gigabit Ethernet Desktop Switch offers an array of features while providing superior network throughput.

### Extreme Flexibility

Twenty-four 10/100/1000Mbps auto-sensing ports automatically detect optimal network speeds.

### Lifetime Warranty

Strict manufacturing standards ensure the highest quality in all INTELLINET NETWORK SOLUTIONS products. All items carry a full Lifetime Warranty — the strongest quality commitment anyone can make.



LIFETIME  
WARRANTY



Model  
523523

## Features

- 10/100/1000 auto-sensing ports automatically detect optimal network speeds
- All RJ-45 ports with Auto-MDIX (auto uplink) support
- Supports NWay auto-negotiation
- Store and forward switching architecture
- Full/half duplex operation
- IEEE 802.3x flow control for full duplex
- Zero packet loss back-pressure flow control for half duplex
- Supports jumbo frames up to 9 kBytes
- Packet filtering/forwarding rates: 1,488,000 pps (1000 Mbps), 148,800 pps (100 Mbps), 14,880 pps (10 Mbps)
- Rugged metal housing for maximum durability
- Supports up to 8192 MAC address entries
- Includes 19" rackmount brackets
- Lifetime Warranty

## Specifications

### STANDARDS

- IEEE 802.3 (10Base-T Ethernet)
- IEEE 802.3u (100Base-TX Fast Ethernet)
- IEEE 802.3ab (Twisted Pair Gigabit Ethernet)
- IEEE 802.3x (flow control, for full duplex mode)

### GENERAL

- Media support:
  - 10Base-T Cat3, 4, 5 UTP/STP RJ-45
  - 100Base-TX Cat5 UTP/STP RJ-45
  - 1000Base-T Cat5e UTP/STP RJ-45
- Packet filter/forwarding rate:
  - 1,488,000 pps (1000 Mbps)
  - 148,800 pps (100 Mbps)
  - 14,880 pps (10 Mbps)
- Buffer memory: 500 kBytes
- MAC address table: 8192 entries
- Backplane speed: 48 Gbps
- Switch architecture: store and forward
- Certifications: FCC Class A, CE Mark, VCCI Class A, RoHS

### LEDs

- Power
- Link/Act: 1000 Mbps, 10/100 Mbps

### POWER

- Internal power supply, 100 – 240 V AC, 50/60 Hz
- Power consumption: 20.9 Watts (maximum)

### ENVIRONMENTAL

- Metal housing, 1 U
- Dimensions: 266 (W) x 185 (L) x 44 (H) mm (10.4 x 7.3 x 1.7 in.)
- Weight: 2.2 kg (4.9 lbs.)
- Operating temperature: 0 – 40°C (32 – 104°F)
- Operating humidity: 10 – 90% RH, non-condensing
- Storage temperature: -10 – 70°C (-14 – 158°F)

### PACKAGE CONTENTS

- Gigabit Ethernet Desktop Switch
- 19" rackmount brackets
- Power cable
- User manual

For more information on INTELLINET NETWORK SOLUTIONS products, consult your local dealer or visit [www.intellinet-network.com](http://www.intellinet-network.com).

  
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