



Gigabit Ethernet Rackmount Managed Switch

16-Port + 4 SFP Module Slots, Metal Chassis

Part No.: **523547**

EAN-13: 0766623523547 | UPC: 766623523547

Boost Your Network Speed

The INTELLINET NETWORK SOLUTIONS 523554 Gigabit Ethernet Rackmount Managed Switch offers an array of features while providing superior network throughput.

Extreme Flexibility

Sixteen 10/100/1000Mbps auto-sensing ports - automatically detects optimal network speeds.

Easy Management

User-friendly web-based management that allows for easy administration.

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.

Features:

- 10/100/1000 auto-sensing ports — automatically detect optimal network speeds
- 4 SFP mini-GBIC transceiver module slots (use of the SFP port disables the connection of its corresponding copper port automatically)
- All RJ45 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
- Non-blocking wire-speed forwarding and filtering
- Supports port controls (speed, flow control and maximum frame size)
- Broadcast storm control with multicast packet rate settings
- Supports VLAN (16 groups) and trunking (8 groups)
- Supports Quality of Service (QoS) with 2 priority levels
- Supports port mirroring

For more information on Intellinet products, consult your local dealer or visit www.intellinet-network.com.

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- 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)
- Supports 16 VLAN groups
- Supports 8 trunking groups
- Rugged metal housing for maximum durability
- Supports up to 8192 MAC address entries
- 340 kBytes buffer memory
- Supports SNMP management
- Configuration via Web browser or RS232 console port
- 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 802.1p (traffic prioritization)
- IEEE 802.1q (VLAN)
- IEEE 802.3x (flow control, for full duplex mode)
- SNMPv1 (Simple Network Management Protocol)

General

- Media support:
 - 10Base-T Cat3, 4, 5 UTP/STP RJ45
 - 100Base-TX Cat5 UTP/STP RJ45
 - 1000Base-T Cat5e UTP/STP RJ45
- Packet filter/forwarding rate:
 - 1,488,000 pps (1000 Mbps)
 - 148,800 pps (100 Mbps)
 - 14,880 pps (10 Mbps)
- Buffer memory: 340 kBytes
- MAC address table: 8192 entries
- Backplane speed: 32 Gbps
- Switch architecture: store and forward
- Ports
 - 16 x RJ45 Gigabit Ethernet ports
 - 4 SFP mini-GBIC transceiver module slots
- Modes
 - 16 x RJ45 ports
 - 15 x RJ45 ports and 1 x SFP mini-GBIC transceiver module
 - 14 x RJ45 ports and 2 x SFP mini-GBIC transceiver modules
 - 13 x RJ45 ports and 3 x SFP mini-GBIC transceiver modules
 - 12 x RJ45 ports and 4 x SFP mini-GBIC transceiver modules
- Certifications: FCC Class A, CE Mark, VCCI Class A, RoHS

Configuration Options

- Full and half duplex per port
- Port link speed: 10 Mbps, 100 Mbps, 1000 Mbps or auto-negotiation
- Port bandwidth control: Disable/128/256/512/1024/2048/3072 kbps
- VLAN: Tag based, up to 16 groups
- Quality of Service (QoS): 2 priority levels and port-based ratio controlling the ratio between high and low priority
- Port Mirroring for all ports with sniffer port configuration
- Port Aggregation/Trunking for all ports, 8 groups
- SNMP Management (enable/disable, trap IP, community get and set)

LEDs

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

Power

- Internal power supply, 100 to 240 V AC, 50/60 Hz
- Power consumption: 14.5 Watts (maximum)

Environmental

- Metal housing, 19" rackmount, 1 U
- Dimensions: 441 (W) x 130 (L) x 44 (H) mm (17.4 x 5.1 x 1.7 in.)
- Weight: 2.5 kg (5.4 lbs.)
- Operating temperature: 0 – 40°C (32 – 104°F)
- Operating humidity: 10 – 90% RH, non-condensing
- Storage temperature: -10 – 80°C (-14 – 176°F)

Package Contents

- Gigabit Ethernet Rackmount Managed Switch
- Power cable
- User manual



