



Gigabit Ethernet Rackmount Web-Smart Switch

**16-port, 802.1x Security, Jumbo Frame Support
and QoS**

Model
524087

Boost your network speed.

The INTELLINET NETWORK SOLUTIONS Gigabit Ethernet Rackmount Web-Smart Switch offers an array of features while providing superior network throughput.

Extreme Flexibility

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

Easy Management

User-friendly Web-based management 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.





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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
- Broadcast storm control with multicast packet rate settings
- 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
- Packet filtering/forwarding rates: 1,488,000 pps (1000 Mbps), 148,800 pps (100 Mbps), 14,880 pps (10 Mbps)
- Supports port controls (speed, flow control and maximum frame size)
- Supports VLAN (tag-based and port-based)
- Supports link aggregation (trunking)
- Supports QoS (Quality of Service) with 2 priority levels
- Supports port mirroring
- Supports jumbo frames up to 9.6 kBytes
- 19" rackmount
- LEDs for power, link/activity, connection speed
- Lifetime Warranty

Specifications

STANDARDS

- IEEE 802.1d (Spanning Tree Protocol)
- IEEE 802.1w (Rapid Spanning Tree Protocol)
- IEEE 802.1p (Traffic Prioritization)
- IEEE 802.1q (VLAN Tagging)
- IEEE 802.3 (10Base-T Ethernet)
- IEEE 802.3u (100Base-TX Fast Ethernet)
- IEEE 802.3ab (Twisted Pair Gigabit Ethernet)
- IEEE 802.3ad (Link Aggregation)
- 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: 340 kBytes
- MAC address table: 8192 entries
- Switch architecture: store and forward
- Certifications: FCC Class A, CE Mark

CONFIGURATION OPTIONS

- Port link speed: 10 Mbps, 100 Mbps, 1000 Mbps or auto-negotiation
- Flow control on/off per port
- Full/half duplex per port
- VLAN, 16 groups
- Port Mirroring for all ports with sniffer port configuration
- Port Aggregation/Trunking: 8 groups with up to 16 member ports per trunk
- QoS, 2 priority levels
- Broadcast Storm configuration with ICMP rate, broadcast rate, multicast rate, flooded unicast rate

- Port filter configuration: enable/disable, IP address, subnet mask, DHCP server allowed/disallowed

LEDS

- Power
- Link/Act
- 1000 Mbps

Power

- Internal power supply, 100 – 240 V AC, 50/60 Hz
- Power consumption: 20 Watts (maximum)

ENVIRONMENTAL

- Metal housing, 19" rackmount, 1 U
- Dimensions: 440 (L) x 220 (W) x 44 (H) mm (17.3 x 8.7 x 1.7 in.)
- Weight: 2.9 kg (6.4 lbs.)
- Operating temperature: 0 – 55°C (32 – 131°F)
- Operating humidity: 10 – 90% RH, non-condensing
- Storage temperature: -20 – 90°C (-4 – 194°F)

PACKAGE CONTENTS

- Gigabit Ethernet Rackmount Web-Smart Switch
- External power adapter
- User manual

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



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