

8-PORT FAST ETHERNET OFFICE SWITCH QUICK INSTALL GUIDE

MODEL 552004



INT-552004-QIG-0907-01

Thank you for purchasing the INTELLINET NETWORK SOLUTIONS™ 8-Port Fast Ethernet Office Switch, Model 552004.

This device is perfect for the small and medium-size business looking for a durable switch that is reliable and easy to install. The metal case is more durable than a plastic enclosure, and is very appropriate for locations with potentially harsh environments, such as a warehouse, factory or wiring closet.

This quick install guide presents the rudimentary steps required to set up and operate this device so you can soon enjoy the benefits of these popular features:

- 10/100 auto-sensing ports — automatically detect optimal network speeds
- Supports any combination of 10 Mbps or 100 Mbps network devices
- All RJ-45 ports with Auto-MDIX (auto uplink) support
- Supports NWay auto-negotiation
- Broadcast storm control
- 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: 148,800 pps (100 Mbps), 14,880 pps (10 Mbps)
- Supports 2048 MAC address entries
- 96 kBytes buffer memory
- LEDs for power, link/activity
- Lifetime Warranty

Package Contents

- Fast Ethernet Office Switch
- External power adapter
- Quick install guide

FCC Warning

This device has been tested and found to comply with limits for a Class B digital device, pursuant to Part 2 and 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference

when the equipment is operated in a commercial environment. This device generates, uses and radiates radio frequency energy and, if not installed and used in accordance with instructions, may cause interference, in which case user will be required to correct the interference at his own expense.

CE Mark Warning

This is a Class B product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

FRONT PANEL



LED	Status	Description
POWER	On	Power on
	Off	Power off
LINK/ACT	On	10/100 Mbps port is ready for connection
	Off	10/100 Mbps port is experiencing a link failure
	Flashing	10/100 Mbps port is receiving data

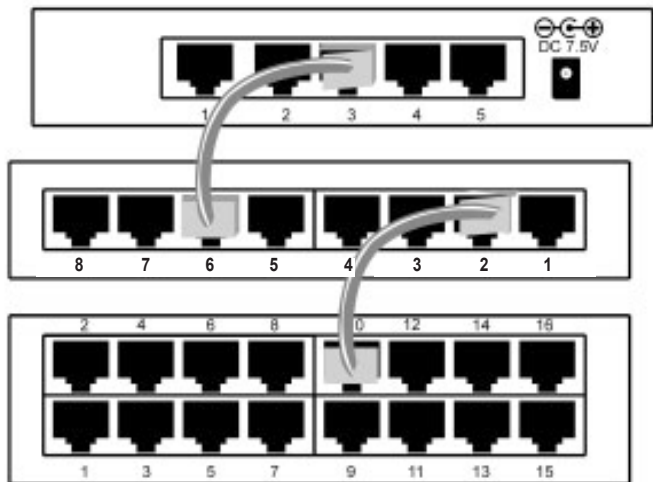
REAR PANEL

There are eight RJ-45 connectors on the rear panel for connecting to servers, workstations or other devices. Eight 10/100 Mbps switching ports sense the 10/100 M speed and negotiate full/half duplex mode automatically.



UPLINKS

The switch provides automatic crossover-detection functionality on each port, making it easy to uplink to another switch without crossover cable.



SPECIFICATIONS

Standards

- IEEE 802.3 (10Base-T Ethernet)
- IEEE 802.3u (100Base-TX Fast 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
- Packet filter/forwarding rate:
 - 148,800 pps (100 Mbps)
 - 14,880 pps (10 Mbps)
- Buffer memory: 96 kBytes
- MAC address table: 2048 entries
- Switch architecture: store and forward
- Certifications: FCC Class B, CE Mark

LEDs

- Power
- Link/TX

Power

- External power adapter: 7.5 V DC
- Power consumption: 3.5 Watts (maximum)

Environmental

- Metal housing
- Dimensions: 130 (L) x 77 (W) x 24 (H) mm (5.1 x 3 x 0.9 in.)
- Weight: 355 g (0.8 lbs.)
- Operating temperature: 0 – 55°C (32 – 140°F)
- Operating humidity: 10 – 90% RH, non-condensing
- Storage temperature: -20 – 90°C (-4 – 194°F)



INTELLINET™

NETWORK SOLUTIONS

BRINGING NETWORKS TO LIFE

www.intellinet-network.com

Are you completely satisfied with this product?
Please contact your INTELLINET NETWORK SOLUTIONS™ dealer
with comments or questions.

Copyright © INTELLINET NETWORK SOLUTIONS

All products mentioned are trademarks or registered trademarks of their respective owners.