



# IFS NS3550-8T-2S Quick Installation Guide

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<b>Certification</b>	  N4131
<b>FCC compliance</b>	This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 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 equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. You are cautioned that any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
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<b>Contact information</b> <b>Contact support</b>	For contact information see our Web site: <a href="http://www.interlogix.com">www.interlogix.com</a> . <a href="http://www.interlogix.com/customer support">www.interlogix.com/customer support</a>

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# INTRODUCTION

The IFS NS3550-8T-2S is an 8 port Gigabit Industrial Switch with 2 SFP fiber ports and robust layer 2 features.

## Package Contents

Open the box of the Industrial Managed Switch and carefully unpack it. The box should contain the following items:

Check the contents of your package for following parts:

<input checked="" type="checkbox"/> <b>The Industrial Managed Switch</b>	x1
<input checked="" type="checkbox"/> <b>User's Manual CD</b>	x1
<input checked="" type="checkbox"/> <b>Quick Installation Guide</b>	x1
<input checked="" type="checkbox"/> <b>DIN Rail Kit</b>	x1
<input checked="" type="checkbox"/> <b>Wall Mounting Kit</b>	x1
<input checked="" type="checkbox"/> <b>Dust Cap</b>	X10

If any of these are missing or damaged, please contact your dealer immediately, if possible, retain the original carton and packaging material in case of a need to return the product for repair/replacement.

## Requirements

- **Workstations** of subscribers running Windows 98/ME, NT4.0, 2000/XP, 2003, Vista 7, MAC OS9 or later, Linux, UNIX or other platform compatible with **TCP/IP** protocols.
- **Workstation** installed with **Ethernet NIC** (Network Interface Card)
- **Serial Port** connection (Terminal)
  - Above PC with COM Port (DB9 / RS-232) or USB-to-RS-232 converter
- Ethernet Port connection
  - Network cables - Use standard network (UTP) cables with RJ45 connectors.
- Above Workstation installed with **WEB Browser** and **JAVA runtime environment** Plug-in



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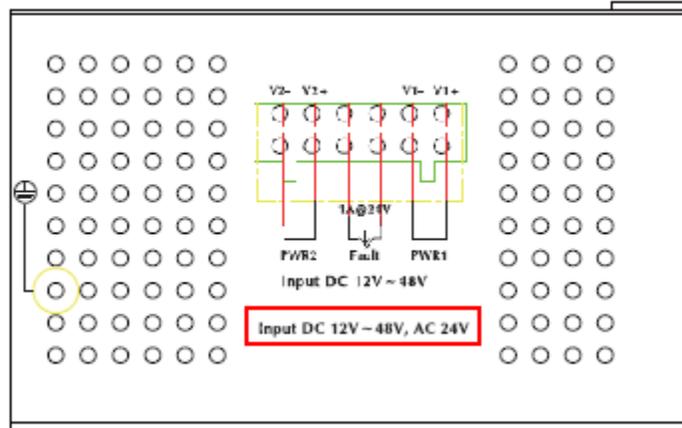
It is recommended to use Internet Explorer 7.0 or above to access the Industrial Managed Switch.

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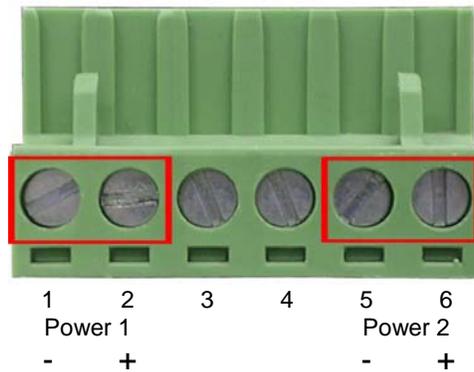
## Wiring the Power Input

The 6-contact terminal block connector on the rear panel of NS3550-8T-2S is used for two DC redundant powers inputs. Please follow the steps below to insert the power wire.

1. Insert positive / negative DC power wires into contacts 1 and 2 for DC POWER 1, or 5 and 6 for DC POWER 2.



2. Tighten the wire-clamp screws to prevent the wires from loosening.



The wire gauge for the terminal block should be in the range of between 12 ~ 24 AWG.

# Starting Web Management

This section introduces the configuration and functions of the Web-Based management.

## About Web-based Management

The Industrial Managed Switch offers management features that allow users to manage the Industrial Managed Switch from anywhere on the network through a standard browser such as Microsoft Internet Explorer.

The Web-Based Management supports Internet Explorer 7.0 or higher. It is based on Java Applets to reduce network bandwidth consumption, enhance access speed and present an easy viewing screen.

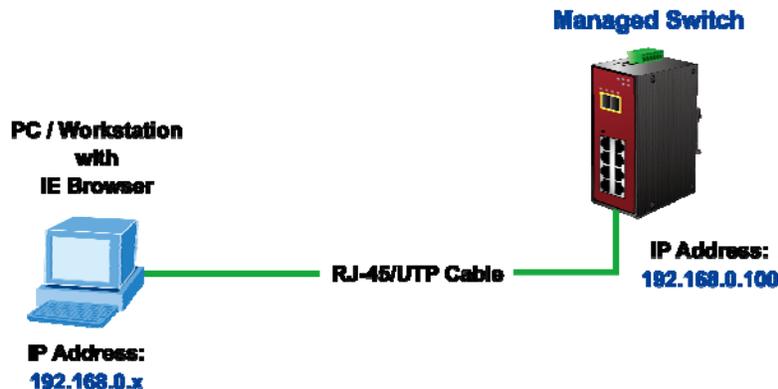


By default, IE 7.0 or higher does not allow Java Applets to open sockets. The user has to explicitly modify the browser setting to enable Java Applets to use network ports.

To configure the Industrial Managed Switch through an Ethernet connection, make sure the workstation is set on same the IP subnet address with the Industrial Managed Switch.

For example, the default IP address of the Industrial Managed Switch is **192.168.0.100**, then the management PC should be set as **192.168.0.x** (where x is a number between 1 and 254, except 100), and the default subnet mask is 255.255.255.0.

If you have changed the default IP address of the Industrial Managed Switch to 192.168.1.1 with subnet mask 255.255.255.0 via console, then the workstation should be set at 192.168.1.x (where x is a number between 2 and 254) to do the relative configuration on the workstation.



**Figure 1: Web Management Diagram**

■ **Logging into the switch**

1. Use Internet Explorer 7.0 or above Web browser. Enter the factory-default IP address to access the Web interface. The factory-default IP Address is as follows:

**http://192.168.0.100**

2. When the following login screen appears, please enter the default username "**admin**" with password "**admin**" (or the username/password you have changed via console) to login to the main screen of Industrial Managed Switch. The login screen is shown in [Figure 2](#).



**Figure 2: Login Screen**

Default User name: **admin**

Default Password: **admin**

After entering the username and password, the main screen appears as shown in [Figure 3](#).



Figure 3: Default Main Page

1. It is recommended to use Internet Explorer 7.0 or above to access Industrial Managed Switch.
2. If the IP address of the switch is changed, the change will take effect immediately after you click on the **Save** button, Therefore, you need to use the new IP address to access the Web interface.
3. For security reasons, please change and memorize the new password after the first setup.
4. The Switch only accepts command in lowercase letters in the web interface.



## Main Menu

Using the onboard web agent, you can define system parameters, manage and control the Industrial Managed Switch, and all its ports, or monitor network conditions. Via the Web-Management, the administrator can setup the Industrial Managed Switch by select the functions those listed in the Main Function. The screen is shown in [Figure 4](#).

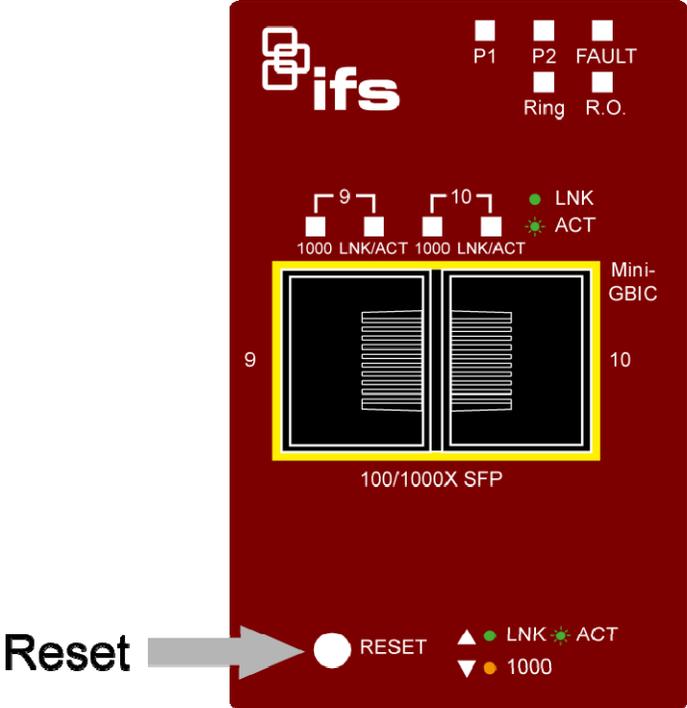


**Figure 4:** NS3550-8T-2S Industrial Managed Switch Main Functions Menu

# TROUBLESHOOTING

## Resetting the IP address and Admin Password

To reset the IP address to the default IP Address “192.168.0.100” or reset the password to default value, press the hardware **reset button** at the front panel about **10 seconds**. After the device is rebooted, you can login the management WEB interface within the same subnet of 192.168.0.xx.



# Contacting Technical Support

Contact technical support if you encounter any difficulties during this installation. Please make sure you have the requested diagnostic or log files ready before you contact us by phone or go to [www.interlogix.com/customer-support](http://www.interlogix.com/customer-support).

IFS / Interlogix online FAQ :

<http://www.interlogix.com/transmission>

## US Support

### By Phone

1-855-286-8889

Option 1 - Order Services

Option 2 - Technical Support

1-855-662-8439 (MobileView)

Option 1 - Order Services

Option 2 - Technical Support

### By Mail

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