

# Quick Start Guide

## Elinx Managed Ethernet Switch EIR618 Series



1

### Items Included

- o Ethernet Switch
- o Console Cable (RS-232 RJ-45 to DB-9)
- o CD with Support Manual
- o This Quick Start Guide
- o Panel Mount Bracket

2

### Default Settings

- o IP Address: 192.168.16.1
- o Subnet Mask: 255.255.255.0
- o Gateway: 192.168.16.254
- o User Name: root, Password: root

3

### LED Chart

LED	Status	Meaning
PWR	Green	The Switch is powered on
	Off	The Switch is powered off
PWR1	Green	Power Source 1 is available
	Off	Power Source 1 is unavailable
PWR2	Green	Power Source 2 is available
	Off	Power source 2 is unavailable
Fault	Red	Power or Port failure
	Off	Normal Operation
R.M	Green	The Switch is the master of a redundant ring (X-Ring)
	Off	The Switch is not the master of a redundant ring.
LINK/ACT Port 17/18* SFP	Green	SFP Port is linked
	Blinking	Data is being transmitted or received
	Off	Not connected to the network
Port 17/18* RJ-45	T Green	Port is linked
	T Blinking	Data is being transmitted or received
	T Off	Not connected to the network
	B Green	Operating at 1000M
P1-16*	B Off	Disconnected or below 1000M
	T Green	Connected to the network
	T Blinking	Data is being transmitted or received
	T Off	Not connected to the network
	B Yellow	Operating in full-duplex
	B Blinking	Data collision
B Off	Half-duplex or not connected	
*Note	Ports 1 through 16 are 10/100 RJ-45, Ports 16 & 17 are 100/1000 RJ-45 or SFP.	

4

### Hardware Installation

- o Record the switch's MAC Address in the space provided. The MAC Address is printed on the product label. **NOTE: Provide the MAC Address to your Network Administrator. The Network Administrator should provide an IP Address, Subnet Mask, and Gateway.**
- o Select a mounting location and install with the attached DIN rail clip or included panel mount kit.
- o Connect power to the switch
  - o 12 to 48 VDC
  - o Redundant inputs are available with fault contacts.

**NOTE: The installation of an SFP Module disables the associated RJ-45 Port.**

5

### Log into the Switch

- o These instructions are for Web based management. Refer to the User's Manual for instructions concerning console management.
- o Connect a switch port to a stand alone PC. Change the PC's network IP Address to allow it to connect to the switch (ex: 192.168.16.2). Use the default subnet mask and gateway.
- o Launch the PC's web browser and navigate to the switch by typing the switch's IP Address in the browser address window.
- o Navigate the web page by expanding the folders on the left side of the web page.

**B&B electronics**  
MANUFACTURING COMPANY

**International Headquarters:** 707 Dayton Road PO Box 1040 Ottawa, IL 61350 USA  
815-433-5100 Fax 433-5104 [www.bb-elec.com](http://www.bb-elec.com) [orders@bb-elec.com](mailto:orders@bb-elec.com) [support@bb-elec.com](mailto:support@bb-elec.com)

**European Headquarters:** Westlink Commercial Park Oranmore Co. Galway Ireland  
+353 91 792444 Fax +353 91 792445 [www.bb-europe.com](http://www.bb-europe.com) [orders@bb-europe.com](mailto:orders@bb-europe.com) [support@bb-europe.com](mailto:support@bb-europe.com)

6

## IP Configuration

### IP Configuration

DHCP Client :

IP Address	<input type="text" value="192.168.16.1"/>
Subnet Mask	<input type="text" value="255.255.255.0"/>
Gateway	<input type="text" value="192.168.16.254"/>
DNS1	<input type="text" value="0.0.0.0"/>
DNS2	<input type="text" value="0.0.0.0"/>

- o Expand the "system tree" and select IP configuration.
- o Enter the IP Address, Subnet Mask, and Gateway provided by your Network Administrator.
- o Save changes.
- o Disconnect the stand alone PC and connect the switch to the network.
- o Inform your Network Administrator that the IP Address has been changed.
- o **NOTE:** The User Manual contains instructions for assigning the IP Address from a DHCP Server and allowing the switch to be a DHCP Server.

7

## User Name and Password

### User Authentication

User Name :	<input type="text" value="root"/>
New Password :	<input type="password" value="...."/>
Confirm Password :	<input type="password" value="...."/>

- o This step should be accomplished by the Network Administrator.
- o Log onto the switch from a Network PC.
- o Expand the "System Tree" and select user authentication..
- o Enter the new User Name and Password. Record this information in the space provided below. File this document for future reference.
- o Click the Apply button.

USER NAME: \_\_\_\_\_

PASSWORD: \_\_\_\_\_

MAC ADDRESS: \_\_\_\_\_

IP ADDRESS: \_\_\_\_\_

Basic Configuration is complete. A comprehensive Manual is contained on the CD ROM. Refer to this manual to configure the advanced features of this switch.

**B&B electronics**  
MANUFACTURING COMPANY

**International Headquarters:** 707 Dayton Road PO Box 1040 Ottawa, IL 61350 USA  
815-433-5100 Fax 433-5104 [www.bb-elec.com](http://www.bb-elec.com) [orders@bb-elec.com](mailto:orders@bb-elec.com) [support@bb-elec.com](mailto:support@bb-elec.com)

**European Headquarters:** Westlink Commercial Park Oranmore Co. Galway Ireland  
+353 91 792444 Fax +353 91 792445 [www.bb-europe.com](http://www.bb-europe.com) [orders@bb-europe.com](mailto:orders@bb-europe.com) [support@bb-europe.com](mailto:support@bb-europe.com)

## Free Manuals Download Website

<http://myh66.com>

<http://usermanuals.us>

<http://www.somanuals.com>

<http://www.4manuals.cc>

<http://www.manual-lib.com>

<http://www.404manual.com>

<http://www.luxmanual.com>

<http://aubethermostatmanual.com>

Golf course search by state

<http://golfingnear.com>

Email search by domain

<http://emailbydomain.com>

Auto manuals search

<http://auto.somanuals.com>

TV manuals search

<http://tv.somanuals.com>