

ienRon 8 Port Gigabit P

ienRon 8-Port Gigabit Ethernet Switch User Manual

Model: 8 Port Gigabit P

1. PRODUCT OVERVIEW

The ienRon 8-Port Gigabit Ethernet Switch is an unmanaged network switch designed to expand your network capacity with high-speed Gigabit connectivity. It features a fanless design for quiet operation, a durable metal shell, and supports both desktop and wall mounting. This switch is ideal for various applications including home networks, small businesses, surveillance systems, and school dormitories.

Key Features

- **1000 Mbps Gigabit Speed:** Provides high-speed data transfer for demanding applications.
- **Plug & Play Operation:** Requires no software installation or configuration.
- **Fanless Design:** Ensures silent operation, suitable for any environment.
- **Durable Metal Casing:** Offers enhanced protection and heat dissipation.
- **4KV Lightning Protection:** Built-in protection circuit to prevent circuit failure from lightning.
- **Desktop or Wall Mount Support:** Flexible installation options to suit your space.
- **IEEE 802.3X Flow Control:** Provides reliable data transfer by preventing packet loss.



This image shows the ienRon 8-Port Gigabit Ethernet Switch with its key features highlighted, including 1000Mbps speed, 4KV

lightning protection, 100M transmission distance, compact size, plug-and-play functionality, and fanless design.

2. SETUP INSTRUCTIONS

The ienRon 8-Port Gigabit Ethernet Switch is designed for simple plug-and-play installation, requiring no software configuration. Follow these steps to set up your switch:

Step-by-Step Installation

1. **Connect Power:** Connect the included power adapter to the switch's power input port (labeled 'PW') and then plug the adapter into a standard electrical outlet. The power indicator light on the switch will illuminate.
2. **Connect Devices:** Connect your network devices (e.g., router, computer, IP camera, printer, IPTV) to any of the 8 Gigabit Ethernet ports using standard RJ45 Ethernet cables.
3. **Verify Connection:** The corresponding LED indicator for each connected port will light up, indicating an active network connection. If data is being transmitted, the LED will flash.



This image illustrates the simple three-step setup process: connect power, connect devices, and enjoy network connectivity.

3. OPERATING INSTRUCTIONS

The ienRon 8-Port Gigabit Ethernet Switch operates automatically once connected. As an unmanaged switch, it requires no user configuration for basic network functionality.

Network Indicators

- **Power LED:** A solid light indicates the switch is powered on.
- **Port Link/ACT LEDs:** Each Ethernet port has an associated LED. A solid light indicates an active network connection (Link). A flashing light indicates data transmission (Activity).

Fanless Design

The switch features a fanless design, ensuring silent operation. This makes it suitable for deployment in noise-sensitive environments such as homes, offices, or libraries.

Plug and Play, High Performance

1. Connect Power (Included Adapter)



2. Connect the Devices



3. Enjoy



This image highlights the 8 Gigabit ports and the Link/ACT network indicators, showing how a solid light means connection and a flashing light means data transmission.

4. MAINTENANCE

The ienRon 8-Port Gigabit Ethernet Switch is designed for durability and minimal maintenance. Adhering to these simple guidelines will help ensure its longevity and optimal performance.

General Care

- **Placement:** Keep the device in a well-ventilated area, away from direct sunlight, excessive heat sources, and moisture.
- **Cleaning:** Clean the exterior with a soft, dry cloth. Do not use liquid cleaners, aerosols, or abrasive materials, as these can damage the casing or internal components.
- **Connections:** Periodically check that all Ethernet cables and the power adapter are securely connected.

Environmental Adaptability

The switch features a multi-layer baking varnish low-temperature process, allowing it to adapt to a wide range of

operating temperatures from 5°C to 50°C (41°F to 122°F). Its design resists rust and corrosion, ensuring reliable operation in various indoor environments.



This image illustrates the switch's ability to withstand various environmental conditions, from heat to cold, due to its durable construction.

5. TROUBLESHOOTING

If you encounter issues with your ienRon Gigabit Ethernet Switch, refer to the following common solutions before contacting support.

No Power

- Ensure the power adapter is securely connected to both the switch's 'PW' port and a working electrical outlet.
- Check if the power indicator LED on the switch is illuminated. If not, try a different outlet or power adapter.
- If the power supply fails after extended use (as noted in some user experiences), consider replacing the power adapter with a compatible one.

No Network Connection (Port LED Off)

- Verify that the Ethernet cable is securely plugged into both the switch port and the connected device.
- Try a different Ethernet cable to rule out cable failure.
- Ensure the connected device (e.g., computer, router) is powered on and functioning correctly.
- Try connecting the device to a different port on the switch.

Slow Network Speed

- Ensure all connected devices and Ethernet cables support Gigabit Ethernet (1000 Mbps) for optimal performance. Using older Fast Ethernet (100 Mbps) devices or cables will limit the speed of that connection.
- Check for excessive network traffic or bandwidth-intensive applications running on your network that might be consuming available bandwidth.

Bright LED Light

Some users have noted a bright internal LED light that shines through the vents. This is typically a power indicator and does not affect the switch's functionality. If it is disruptive, consider placing the switch in a less visible location or covering the light source if safe to do so without impeding ventilation.

6. SPECIFICATIONS

Feature	Detail
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Feature	Detail
Brand	ienRon
Model Number	8 Port Gigabit P
Number of Ports	8
Data Transfer Rate	1000 Megabytes Per Second (Gigabit)
Interface Type	RJ45
Case Material	Plastic
Color	Black
Voltage	120 Volts
Maximum Power Consumption	4 Watts
Operating Temperature Range	5°C to 50°C (41°F to 122°F)
Package Dimensions	7.52 x 3.27 x 2.83 inches
Item Weight	7.2 ounces
Compatible Devices	IP Phone, IP TV, Printer, Router

7. WARRANTY AND SUPPORT

Warranty Information

This ienRon product comes with a standard manufacturer's warranty. For specific warranty terms, conditions, and duration, please refer to the product packaging or contact ienRon customer support directly. Keep your proof of purchase for warranty claims.

Customer Support

For technical assistance, product inquiries, or any other support needs, please visit the official ienRon website or contact their customer support team through the contact information provided on their website or product packaging. When contacting support, please have your product model number and purchase details ready.