Manuals+

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FORTINET FS-124G,FS-124G-FPOE Forti Switch Ethernet Switch User Guide 📄

Contents [hide]

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FORTINET FS-124G,FS-124G-FPOE Forti Switch Ethernet Switch

The Essentials

Secure your Network

Register at https://support.fortinet.com for the latest threat protection updates

GUI

1. Connect Port 1 to an Ethernet port or USB-RJ45 Ethernet adapter on your computer using an Ethernet cable (not included)
2. Open a browser to https://192.168.1.99

CLI

1. Connect the console cable (not included) to the Console Port
2. Open a Terminal app using 115200-8-N-1

Default Logins

((•)) https://192.168.1.99

Username: admin
Password: leave blank

⌒(•) https://fortiedge.forticloud.com

Username: user-defined
Password: user-defined

Fortinet Documents Library

For getting started, documentation,n admin guides, up-to-date hardware manuals and reference resources, visit https://docs.fortinet.com/

FortiEdge Cloud

Experience simplified cloud provisioning, zero-touch deployment, configuration management and reporting at https://fortiedge.forticloud.com

Package Contents

FortiSwitch 124G Series
FS-124G, FS-124G-FPOE

1x FortiSwitch Device

1x QuickStart Guide

4x Rubber Feet

1x AC Power Cable
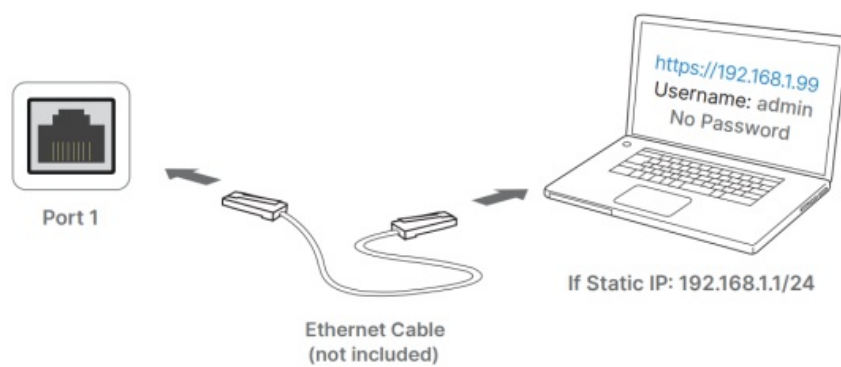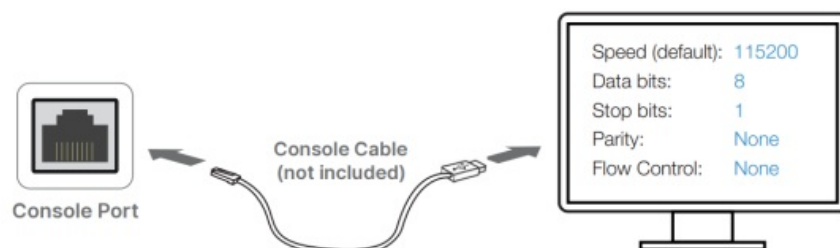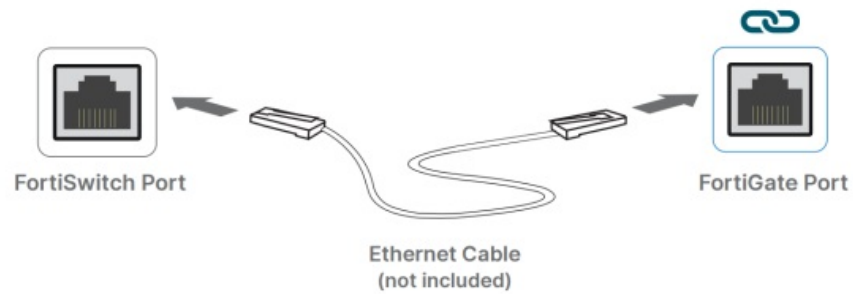
2x Rackmount Brackets,
6x Bracket Screws

Setup

GUI

Port 1

Ethernet Cable
(not included)

https://192.168.1.99
Username: admin
No Password

If Static IP: 192.168.1.1/24

https://192.168.1.99

Username: admin

No Password

CLI

Console Port

Console Cable
(not included)

Speed (default):	115200
Data bits:	8
Stop bits:	1
Parity:	None
Flow Control:	None

FortiLink

FortiSwitch Port — Ethernet Cable (not included) — FortiGate Port

1. Login to the FortiGate and go to WiFi and Switch Controller -> FortiLink Interface
2. Add a FortiGate Port in the FortiLink interface
3. When the device is discovered, select Authorize

Optional: To automatically authorize the device upon discovery, enable Automatically authorize devices in the FortiLink Interface settings

FortiEdge Cloud

FortiSwitch Port — Ethernet Cable (not included) — Internet
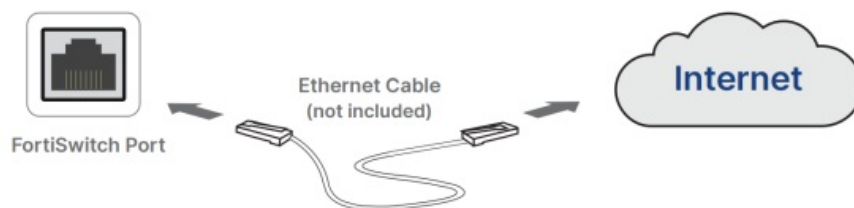
1. Visit https://support.fortinet.com for registration and cloud management license
2. Sign in at https://fortiedge.forticloud.com to manage your Inventory List
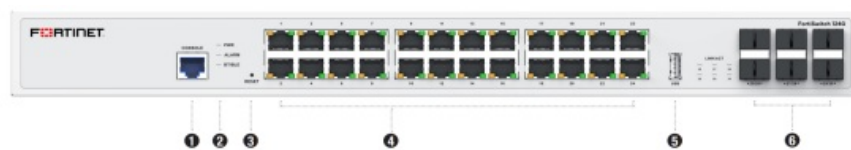
RackMount

1. Secure the ears using the provided screws

2. Install in a rack using the provided screws

Front FS-124G

1 **CONSOLE Port (RJ-45)** CLI management

2 **PWR**
- 🟩 **Green:** Device is on
- ⬛ Off: Device is off

ALARM
- 🟧 **Amber:** Fault detected
- ⬛ Off: No fault detected

BT/BLE (for future use)
- 🟦 **Blue:** Bluetooth on
- ⬛ Off: Bluetooth off

3 **RESET** Press and hold for 10secs to restore factory default settings

4 **Ports 1 to 24 (RJ45)**

Left LED (100M/10M Mbps)
- 🟧 **Amber:** Connected
- 🔶 **Flashing Amber:** Data activity
- ⬛ Off: Not connected

Right LED (2.5/1 Gbps)
- 🟦 **Blue:** 2.5 Gbps connected
- 🔷 **Flashing Blue:** 2.5 Gbps data activity
- 🟩 **Green:** 1 Gbps connected
- 🔶 **Flashing Green:** 1 Gbps data activity
- ⬛ Off: Not connected

5 **USB 2.0 Port (USB A)** for future use

6 **Ports 25 to 30 (SFP+)**

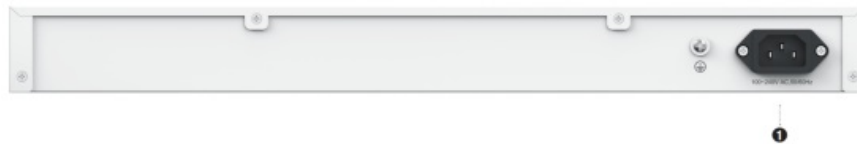**Link/Activity**
- 🟦 **Blue:** 10 Gbps connected
- 🔷 **Flashing Blue:** 10 Gbps data activity
- 🟩 **Green:** 1 Gbps/100 Mbps connected
- 🔶 **Flashing Green:** 1 Gbps/100 Mbps data activity
- ⬛ Off: Not connected

Rear FS-124G

1. Power Input 100-240V AC, 1.5A Max, 50/60Hz

Front FS-124G-FPOE

1 CONSOLE Port (RJ45) CLI management

2 PWR
🟩 Green: Device is on
⬛ Off: Device is off

ALARM
🟧 Amber: Fault detected
⬛ Off: No fault detected

BT/BLE (for future use)
🟦 Blue: Bluetooth on
⬛ Off: Bluetooth off

POE MAX (up to 780W)
🟧 Amber: Max PoE power reached
⬛ Off: PoE power available

3 RESET Press and hold for 10secs to restore factory default settings

4 Ports 1 to 8 (RJ45) PoE++

Left LED

■ Amber: Supplying PoE
■ Off: Not supplying PoE

Right LED

■ Blue: 2.5 Gbps connected
⬚ Flashing Blue: 2.5 Gbps data activity
■ Green: 1000/100/10 Mbps connected
⬚ Flashing Green: 1000/100/10 Mbps data activity
■ Off: Not connected

5 Ports 9 to 24 (RJ45) PoE/PoE+

Left LED

■ Amber: Supplying PoE
■ Off: Not supplying PoE

Right LED

■ Blue: 2.5 Gbps connected
⬚ Flashing Blue: 2.5 Gbps data activity
■ Green: 1000/100/10 Mbps connected
⬚ Flashing Green: 1000/100/10 Mbps data activity
■ Off: Not connected

6 USB 2.0 Port (USB A) for future use

7 Ports 25 to 30 (SFP+)

Link/Activity

■ Blue: 10 Gbps connected
⬚ Flashing Blue: 10 Gbps data activity
■ Green: 1 Gbps/100 Mbps connected
⬚ Flashing Green: 1 Gbps/100 Mbps data activity
■ Off: Not connected

Rear FS-124G-FPOE

1. Power Input 100-240V AC, 12A Max, 50/60Hz

Cautions and Warnings

Environmental specifications

Ambient operating temperature: 0°C to 45°C

- **Rack Mount Instructions –** The following or similar rack-mount instructions are included with the installation instructions:
- **Elevated Operating Ambient –** If installed in a closed or multi-unit rack assembly, the operating ambient temperature of the rack environment may be greater than room ambient. Therefore, consideration should be given to installing the equipment in an environment compatible with the maximum ambient temperature (Tma) specified by the manufacturer.
- **Mechanical Loading** – Mounting of the equipment in the rack should be such that a

hazardous condition is not achieved due to uneven mechanical loading.

- **Circuit Overloading –** Consideration should be given to the connection of the equipment to the supply circuit and the effect that overloading of the circuits might have on overcurrent protection and supply wiring. Appropriate consideration of equipment nameplate ratings should be used when addressing this concern.
- **Reliable Earthing –** Reliable earthing of rack-mounted equipment should be maintained. Particular attention should be given to supply connections other than direct connections to the branch circuit (e.g. use of power strips).

Safety

Battery – Risk of explosion if the battery is replaced by an incorrect type. Do not dispose of batteries in a fire. They may explode. Dispose of used batteries according to your local regulations. IMPORTANT: Switzerland: Annex 4.10 of SR814.013 applies to batteries.

CAUTION:

- There is a danger of explosion if a battery is incorrectly replaced. Replace only with the same or equivalent type.
- Dispose of batteries according to the manufacturer's instructions.
- Disposing a battery into fire, a hot oven, mechanically crushing, or cutting it can result in an explosion.
- Leaving a battery in an extremely hot environment can result in leakage of flammable liquid, gas, or an explosion.
- If a battery is subjected to extremely low air pressure, it may result in leakage of flammable liquid, gas, or an explosion.

WARNUNG:

Caution: This equipment is to be used in a Network Environment 0 per IECTR 62101. This product is connected only to PoE networks without routing to the outside plant.

This product has a separate protective earthing terminal provided on the back of the product in addition to the grounding terminal of the attachment plug. This separate

protective earthing terminal must be permanently connected to earth with a green with yellow stripe conductor of minimum size # 14AWG and the connection is to be installed by a qualified service personnel.

Regulatory Notices

Federal Communication Commission (FCC) – USA
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

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 it is not installed and used in accordance with the instruction manual, it may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his own expense.

WARNING: Any changes or modifications to this product not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
Innovation, Science and Economic Development (ISED) – Canada
CAN ICES-003 (A) / NMB-003 (A)

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause

undesired operation of the device.

Antenna No.	Antenna Type	Antenna Peak Gain	Network
1	FPC	2.0 dBi	Bluetooth

European Conformity (CE) – EU

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

The product transmits within the frequency ranges and less than or equal to the power listed below: 2402-2480MHz less than 20dBm (EIRP).

This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

Simplified EU Declaration of Conformity

This declaration is only valid for Fortinet products (including combinations of software, firmware and hardware) provided by Fortinet or Fortinet's authorized partners to the end customer directly for use within the EU or countries that have implemented the EU Directives and/or spectrum regulation. Any Fortinet products not obtained directly from Fortinet or Fortinet's authorized partners may not comply with EU

Directives and Fortinet makes no assurances for such products.

This product is in compliance with Directive 2014/53/EU.

Note: The full declaration of conformity for this product is available at the link: https://site.fortinet.com/ProductRegulatory/EU

UK Conformity Assessed (UKCA) – United Kingdom

The product transmits within the frequency ranges and less than or equal to the power listed below:

2402-2480MHz less than 20dBm (EIRP).

This equipment should be installed and operated with a minimum distance 20cm between the radiator and your body.

This product is in compliance with Statutory Instrument 1206 Radio Equipment Regulations 2017

The full Declaration of Conformity for this product is available in the link below:

https://site.fortinet.com/ProductRegulatory/UK

Voluntary Control Council for Interference (VCCI) – Japan

Bureau of Standards, Metrology and Inspection (BSMI) – Taiwan

The presence conditions of the restricted substance (BSMI RoHS table) are available at the link below:

https://www.fortinet.com/bsmi

January 23, 2025

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For Product License Agreement / EULA and Warranty Terms, visit https://www.fortinet.com/content/dam/fortinet/assets/legal/EULA.pdf
FortiSwitch-124G-Series-QSG-20250123

Documents / Resources

FORTINET QuickStart Guide FortiSwitch 124G Series FS-124G, FS-124G-FPOE	[FORTINET FS-124G,FS-124G-FPOE Forti Switch Ethernet Switch](#) [[pdf]](#) User Guide FS-124G, FS-124G-FPOE, FS-124G FS-124G-FPOE Forti Switch Ethernet Switch, FS-124G FS-124G-FPOE, Forti Switch Ethernet Switch, Switch Ethernet Switch, Ethernet Switch

References

- [User Manual](#)

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🏷 Ethernet Switch, Forti Switch Ethernet Switch, FORTINET, FS-124G, FS-124G FS-124G-FPOE, FS-124G FS-124G-FPOE Forti Switch Ethernet Switch, FS-124G-FPOE, Switch Ethernet Switch

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