

CONFIDENTIAL

FORTINET

QuickStart Guide

FortiSwitchRugged 216F-POE

FSR-216F-POE

PRELIMINARY

The Essentials

Secure your Network

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

GUI

- ① Connect MGMT to an Ethernet port or USB-RJ45 Ethernet adapter on your computer using an Ethernet cable
- ② Open a browser to <https://192.168.1.99>

CLI

- ① Connect the provided 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://fortilan.forticloud.com>
Username: **user-defined**
Password: **user-defined**

Fortinet Documents Library

For getting started documentation 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://fortilan.forticloud.com>

Package Contents

FortiSwitchRugged 216F-POE

FSR-216F-POE



1x FortiSwitchRugged Device



1x QuickStart Guide



1x CAT5e Ethernet Cable



1x Console Cable



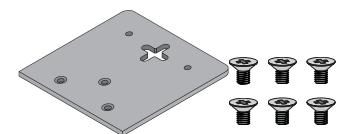
1x Digital I/O Connector



1x DC Power Connector



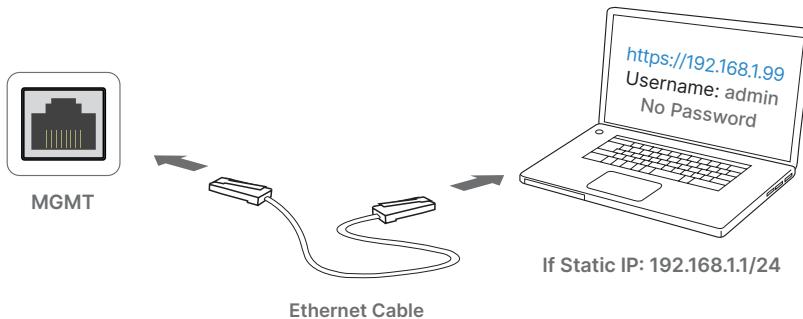
1x DIN Rail Bracket,
4x M3×5mm Screws
(pre-installed)



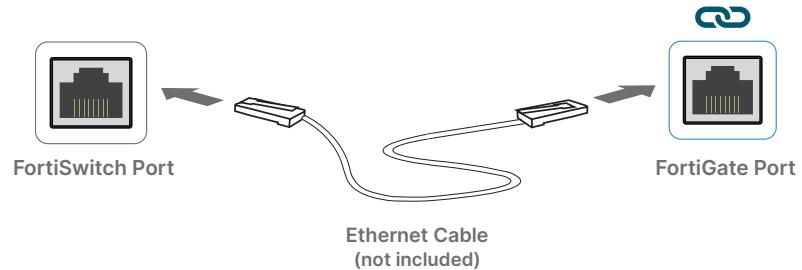
2x Wall Mount Brackets,
6x M3×5mm Screws

Setup

GUI



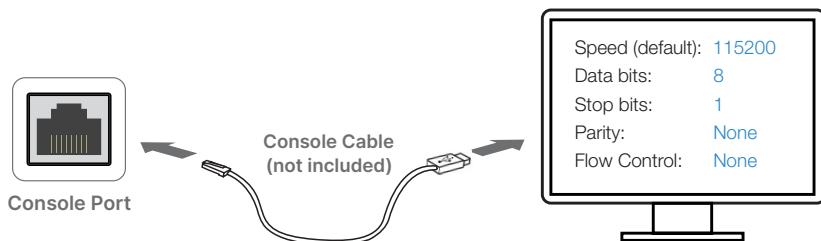
FortiLink



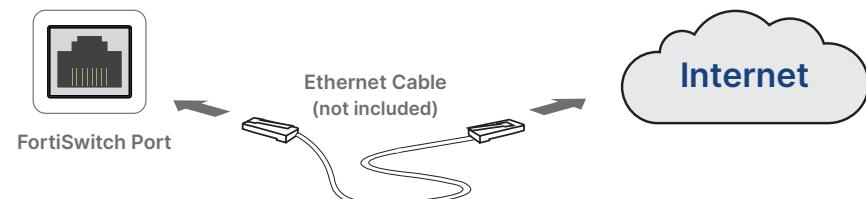
- 1 Login to the FortiGate and go to **WiFi & Switch Controller -> FortiLink Interface**
- 2 Add a **FortiGate Port** in the FortiLink interface
- 3 When the device is discovered, select **Authorize**

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

CLI



FortiEdge Cloud



- 1 Visit <https://support.fortinet.com> for registration and cloud management license
- 2 Sign in at <https://fortilan.forticloud.com> to manage your Inventory List

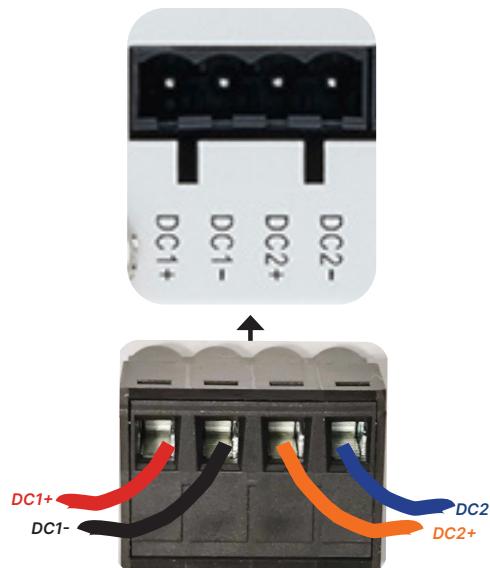
Power Installation

Warnings

- 48-57VDC, 8.22-6.97A for POE
- 52-57VDC, 7.75-6.97A for POE++
- With the optional failover redundancy, if the primary DC input fails, the secondary DC input will supply power
- DC1+ and DC2+ are the higher voltage potential pins and DC1- and DC2- are the lower voltage potential pins
- Do not connect the DC+ terminal to a lower voltage potential than the DC- terminal
- The voltage between DC+ and DC- must be +48-57VDC (PoE) and 52-57VDC (PoE++) Nominal
- The DC wire gauge maximum is 12 AWG; the minimum is 18 AWG, 4.5 lb-in Torque
- -40 ~ 75°C: 240W PoE power budget Max
- -40 ~ 60°C: 360W PoE power budget Max
- PoE output: 48-57VDC, max 2A(max 90W per port), PoE Total Power Budget: 360 Watts max

Wiring

Consult a professional electrician to install the device and determine a suitable wire gauge and length.



Grounding (Optional)

We recommend connecting earth ground using a lug plate or grounding screw.

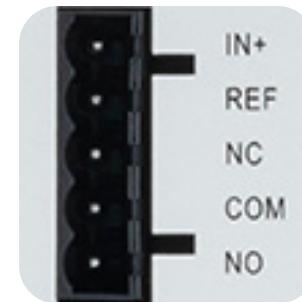
Power Connector

Connect DC1+ or DC2+ on the device terminal block to the DC power source, then connect the negative DC1- or DC2- on the terminal block. Terminal block does not support hot-plugging.



DC Input Power	DC+ Terminal	DC- Terminal
Negative Ground	+48-57VDC (PoE) Max +52-57VDC (PoE++) Max	Ground
Positive Ground	Ground	-48-57VDC (PoE) Max -52-57VDC (PoE++) Max

Digital I/O Connector



Connector	Description
IN+	Alarm Input
REF	Alarm Input Reference Ground
NC	Normally Closed Terminal
COM	Common Terminal
NO	Normally Open Terminal