FortiNET®

QuickStart Guide

FortiGate\FortiWiFi 80F Series

FG-80F, FG-81F, FWF-80-2R, FWF-81F-2R, FWF-81F-2R-POE

Product Registration

Thank you for purchasing a FortiGate.

Register to access:

- Cloud Management

- FortiGuard Updates

- Firmware Upgrades

- Technical Support

- Warranty Coverage

Please register your FortiGate:

Vous devez enregistrer le produir:

Debe registrar el producto:

登録のお願い:

请马上注册:

http://support.fortinet.com

FÜRTINET. ®

March 16, 2021

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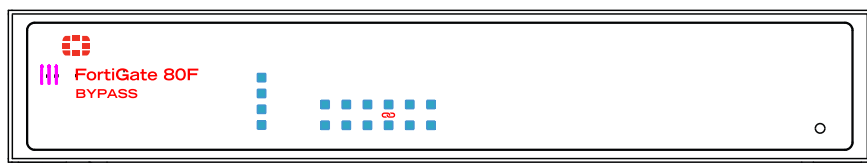
FortiGate 80F/81F/Bypass

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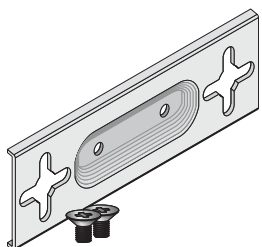
Power Cable

12V DC Power Adapter

Ethernet Cable

Wall Mount Kit
(Not included, sold separately)

Wall Mount Hardware
(Not included, sold separately)

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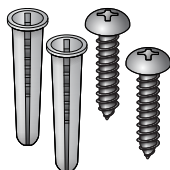
Back Panel - FG 80F Series
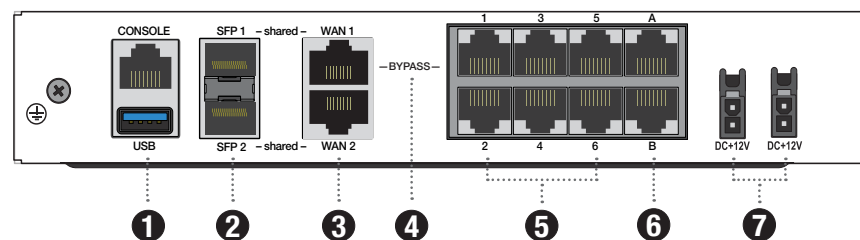
❶ **Console (RJ-45)** CLI management computer interface

USB (USB A) USB 3.0 server port

❷ **SFP Shared Ports 1 & 2 (SFP)** 1 Gbps SFP interface

❸ **WAN Shared Ports 1 & 2 (RJ45)** 1 Gbps Ethernet interface

❹ **BYPASS Port Pair (RJ45)** 1 Gbps Ethernet interface
(FG 80F-Bypass model only. WAN1 & Port1 are the default configuration)

❺ **Ports 1 to 6 (RJ-45)** 1 Gbps Ethernet interface

❻ **FortiLink Ports A & B (RJ-45)** 1 Gbps Ethernet interface

❼ **Power Input** 12V DC 3A, 100-240V AC 50/60Hz
(optional redundant power adapter and cable available for purchase)

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Front Panel - FG 80F Series
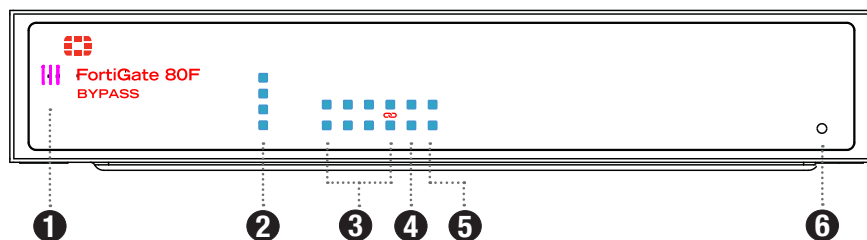
① LOGO

⫿⫿⫿ FortiGate 80F	**⫿⫿⫿ FortiGate 80F - BYPASS**
■ **Green**: The device is on	■ **Green**: The device is on
■ **Off**: The device is off	■ **Off**: The device is off

② BYPASS
(FG 80F-Bypass model only)

■ **Amber**: Bypass Port Pair is active *(WAN1 & Port1, default configuration)*
■ **Off**: Bypass Port Pair is off

STATUS

■ **Green**: Operating normally; BLE is off
◇ **Flashing Green**: Booting up
◇ **Flashing Amber:** BLE is on

HA

■ **Green**: Operating in an HA cluster
■ **Amber**: HA failover
■ **Off**: Not in an HA cluster

POWER

■ **Green**: Both power supplies are functioning
■ **Amber**: One power supply is functioning
■ **Off**: Power is off

③ PORT LINK/ACT

◇ **Flashing Green**: 1000M/100M/10M data activity
■ **Off**: No link established

④ WAN
(WAN & SFP are Shared Ports)

◇ **Flashing Green**:1000M/100M/10M data activity
■ **Off**: No link established

⑤ SFP

◇ **Flashing Green**: 1000M/100M/10M data activity
■ **Off**: No link established

⑥ BLE/RESET Restores factory default and BLE settings

Box Includes - FWF 80F-2R Series

FortiWiFi-80F/81F/-2R

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Power Cable

12V DC Power Adapter

Ethernet Cable

3 WiFi Antennas

Wall Mount Kit
(Not included, sold separately)

Wall Mount Hardware
(Not included, sold separately)

Back Panel - FWF 80F-2R Series

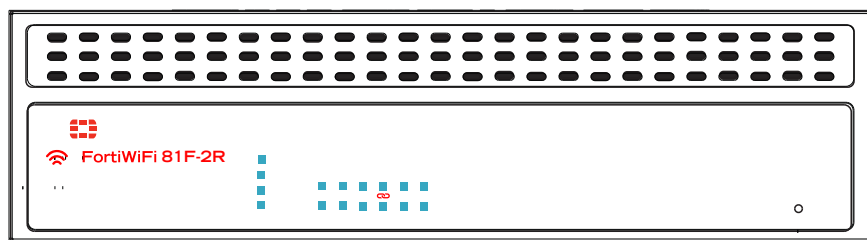WiFi   WiFi   SCAN

CONSOLE   SFP 1 – shared – WAN 1   1 3 5 A
USB   SFP 2 – shared – WAN 2   2 4 6 B   DC+12V DC+12V

❶ ❷ ❸ ❹ ❺ ❻ ❼

❶ **Antenna Connection (SMA)** passive directional antenna connection

❷ **Console (RJ-45)** CLI management computer interface

   USB (USB A) USB 3.0 server port

❸ **SFP Shared Ports 1 & 2 (SFP)** 1 Gbps SFP interface

❹ **WAN Shared Ports 1 & 2 (RJ45)** 1 Gbps Ethernet interface

❺ **Ports 1 to 6 (RJ-45)** 1 Gbps Ethernet interface

❻ **FortiLink Ports A & B (RJ-45)** 1 Gbps Ethernet interface

❼ **Power Input** 12V DC 5A, 100-240V AC 50/60Hz
   (optional redundant power adapter and cable available for purchase)

Front Panel - FWF 80F-2R Series
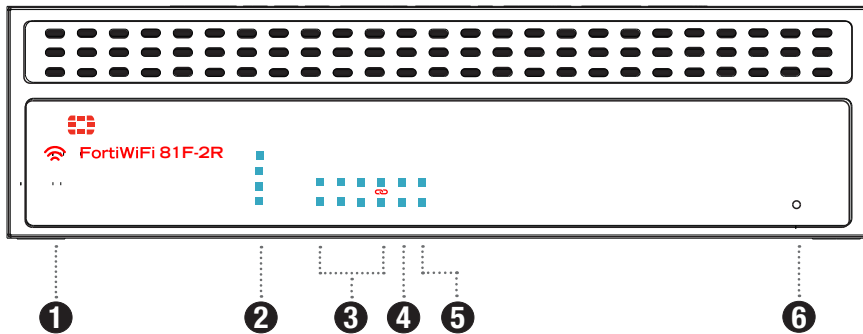
1 LOGO

📶 **FortiWiFi 81F-2R**
- 🟦 **Blue**: The device is on
- ⬛ **Off**: The device is off

2 STATUS
- 🟩 **Green**: Operating normally; BLE is off
- ◇ **Flashing Green**: Booting up
- ◇ **Flashing Amber:** BLE is on

HA
- 🟩 **Green**: Operating in an HA cluster
- 🟧 **Amber**: HA failover
- ⬛ **Off**: Not in an HA cluster

POWER
- 🟩 **Green**: Both power supplies are functioning
- 🟧 **Amber**: One power supply is functioning
- ⬛ **Off**: Power is off

WIFI
- 🟩 **Green**: WiFi connected
- ◇ **Flashing Green**: WiFi activity
- ⬛ Off: WiFi is off

3 PORT LINK/ACT
- ◇ **Flashing Green**: 1000M/100M/10M data activity
- ⬛ **Off**: No link established

4 WAN

(WAN & SFP are Shared Ports)
- ◇ **Flashing Green**: 1000M/100M/10M data activity
- ⬛ **Off**: No link established

5 SFP
- ◇ **Flashing Green**: 1000M/100M/10M data activity
- ⬛ **Off**: No link established

6 BLE/RESET Restores factory default and BLE settings

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Box Includes - FWF 81F-2R-POE

FortiWiFi-81F-2R-POE
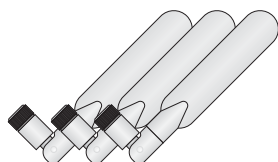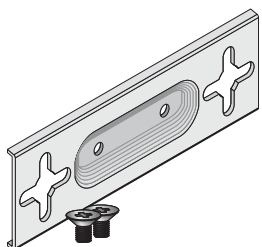

QuickStart Guide

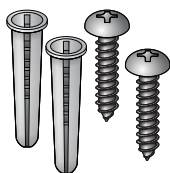Power Cable

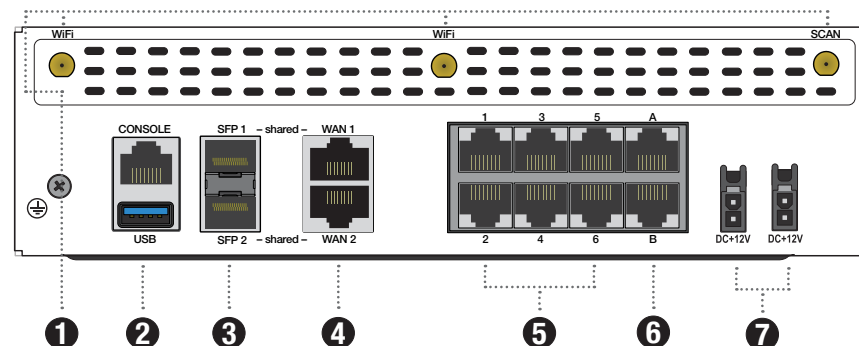

54V DC Power Adapter

Ethernet Cable

3 WiFi Antennas

Wall Mount Kit
(Not included, sold separately)

Wall Mount Hardware
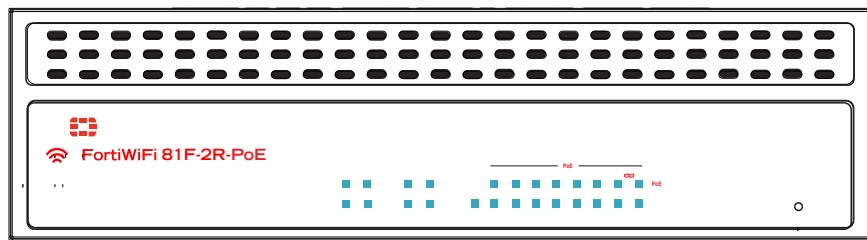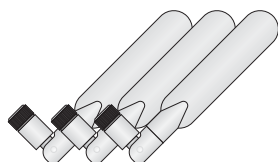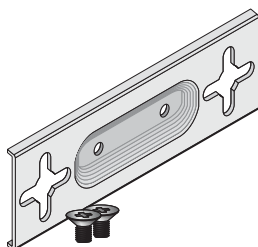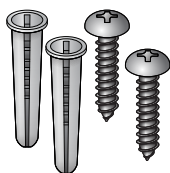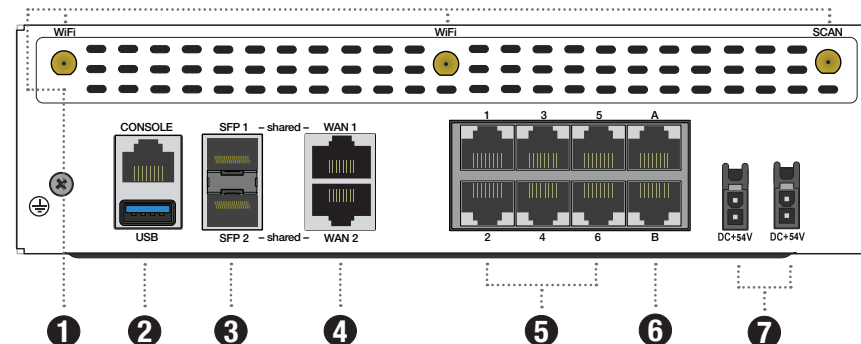*(Not included, sold separately)*

Back Panel - FWF 81F-2R-POE

1 **Antenna Connection (SMA)** passive directional antenna connection

2 **Console (RJ-45)** CLI management computer interface

   USB (USB A) USB 3.0 server port

3 **SFP Shared Ports 1 & 2 (SFP)** 1 Gbps SFP interface

4 **WAN Shared Ports 1 & 2 (RJ45)** 1 Gbps Ethernet interface

5 **Ports 1 to 6 (RJ-45)** 1 Gbps Ethernet interface

6 **FortiLink Ports A & B (RJ-45)** 1 Gbps Ethernet interface

7 **Power Input** 54V DC 2.78A, 100-240V AC 50/60Hz
   (optional redundant power adapter and cable available for purchase)

Front Panel - FWF 81F-2R-POE
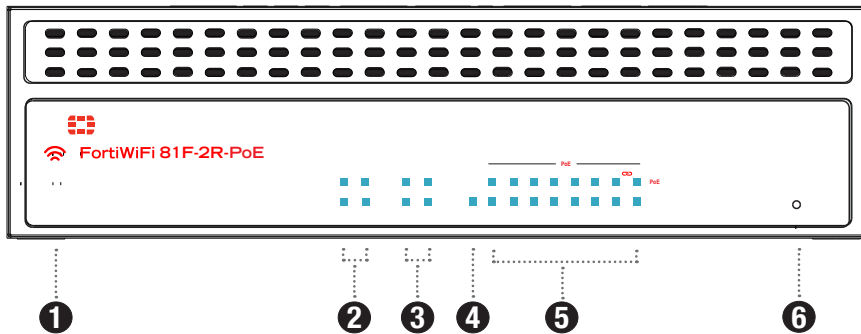
❶ LOGO

📶 **FortiWiFi 81F-2R**
🟦 **Blue:** The device is on
⬛ **Off**: The device is off

❷ WIFI

🟩 **Green**: WiFi connected
◈ **Flashing Green**: WiFi activity
⬛ Off: WiFi is off

STATUS

🟩 **Green**: Operating normally; BLE is off
◈ **Flashing Green**: Booting up
◈ **Flashing Amber:** BLE is on

PWR

🟩 **Green**: Both power supplies are functioning
🟨 **Amber**: One power supply is functioning
⬛ **Off**: Power is off

HA

🟩 **Green**: Operating in an HA cluster
🟨 **Amber**: HA failover
⬛ **Off**: Not in an HA cluster

❸ SFP/WAN
(WAN & SFP are Shared Ports)

◈ **Flashing Green**: 1000M/100M/10M data activity
⬛ **Off**: No link established

❹ MAX PoE

🟥 **Red:** Providing Max PoE Power
⬛ **Off**: PoE power available

❺ Ports

PoE
🟩 **Green**: PoE power on
⬛ **Off**: PoE power off

LINK/ACT
◈ **Flashing Green**: 1000M/100M/10M data activity
⬛ **Off**: No link established

❻ BLE/RESET Restores factory default and BLE settings