DATA SHEET

FortiWLM™
Wireless Manager

FortiWLM Wireless Manager

FWM-100D and 1000D

Wireless Appliances for Network Management

Fortinet's FortiWLM 100D and 1000D Wireless Manager series provides a hardware platform for supporting Fortinet's Infrastructure network software applications that cover network management, RF interference detection, and security. The FortiWLM 100D is designed for small enterprises, and the FortiWLM 1000D is designed for medium to large enterprises. The FortiWLM series support the following applications:

- Network Manager — Provides wireless performance dashboards, RF visualization, centralized monitoring, configuration, fault management, visibility over long-term trends, and centralized reporting.
- Spectrum Manager — Detects and identifies both WiFi and non-WiFi interference on all channels all the time.
- Service Assurance Manager — Delivers end-to-end service assurance for the network and its applications.

Features

- Hardware platform to support Fortinet infrastructure wireless network applications
- Network management that supports monitoring, configuring and reporting of wireless network health
- RF interference detection and mitigation
- A choice of appliances sized to fit your business scale

Benefits

- Deliver comprehensive WLAN management
- Detect network congestion and poor wireless environments to improve user experience
- Delivers reporting and historical visibility

SPECIFICATIONS

	FWM-100D	FWM-1000D
Target Deployment	Small enterprises	Medium to large enterprises
Interfaces		
GE RJ45 Port	4	4
SFP Port	—	4
SFP+ 10G Port	—	2
USB (Type-A)	1	2
Serial Console (RJ45)	1	1
Hard Disk	1x 1 TB	2x 1 TB
Capacity		
Maximum Number of FortiWC Controllers Supported	10	250
Maximum Number of FortiAP-N Access Points Supported	500	12,500
Maximum Number of Stations Supported	1000	50,000
Physical		
Mounting	1U rack mount	1U rack mount
Height x Width x Length (inches)	17.32 x 1.73 x 8.62	17.24 x 1.73 x 16.18
Height x Width x Length (mm)	440 x 44 x219	438 x 44 x 411
Weight	7.72 lbs (3.5 kg)	19.62 lbs (8.9 kg)
Form Factor	1 RU	1 RU
Environment & Power		
Power Source	100–240V AC, 60–50 Hz, 65 W openframe single PSU	100–240V AC, 60–50 Hz, 300 W Redundant PSU
Power Consumption (Average / Maximum)	36 W / 28 W	192 W / 137 W
Current (Maximum)	100V/1.5A, 240V/1.5A	100V/5A, 240V/3A
Heat Dissipation	123 BTU/h	655 BTU/h
Operating Temperature	32–104°F (0–40°C)	32–104°F (0–40°C)
Storage Temperature	-13–158°F (-25–70°C)	-13–158°F (-25–70°C)
Humidity	5–95% non-condensing	5–95% non-condensing
Compliance		
Regulatory Approval	FCC part 15B Class B — USA UL 60950-1 — USA CSA C22.2 No. 60950-1-07 — Canada EN 60950-1 — EU IEC 60950-1 — International ICES-003 Class B — Canada EN55022 Class B — EU EN55024 — EU VCCI Class B — Japan	FCC part 15B Class A — USA UL 60950-1 — USA CSA C22.2 No. 60950-1-07 — Canada EN 60950-1 — EU IEC 60950-1 — International ICES-003 Class A — Canada EN55022 Class A — EU EN55024 — EU VCCI Class A — Japan
Certification	RoHS, REACH, WEEE	RoHS, REACH, WEEE
Warranty		
Limited Lifetime Warranty	One year	One year

FortiWLM 100D

FortiWLM 1000D

ORDER INFORMATION

Product	SKU	Description
FortiWLM 100D Wireless Manager	FWM-100D	FortiWM 100D Wireless Network Manager, Maximum 10 Controllers, 500 APs, and 1,000 Stations; 4x GE RJ45 ports, 1x RJ45 Serial Console port, 1x 1TB HDD Storage, Single PSU.
FortiWLM 1000D Wireless Manager	FWM-1000D	FortiWM 1000D Wireless Network Manager, Maximum 250 Controllers, 12,500 APs, and 50,000 Stations; 4x GE RJ45 ports, 4x GE SFP ports, 1x RJ45 Serial Console port, 2x 2TB HDD Storage, Redundant PSU.

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