

# SERVICES APPLIANCE



## MERU SERVICES APPLIANCE

Meru Services Appliances is an intelligent and extensible platform for E(z)RF Application Suite to manage 802.11 wireless networks.



### SERVICES APPLIANCE FAMILY

Intelligent Platform for Wireless Network Management

## PRODUCT OVERVIEW

The Meru Services Appliance family is an intelligent and extensible platform for E(z)RFTM Application Suite which provides a set of applications for comprehensive management of 802.11 wireless networks. These applications include:

- **E(z)RF Network Manager (NM)** - Provides network administrators with wireless performance dashboards, RF visualization, centralized monitoring, configuration, fault management, long term trends and reporting for enterprise wireless networks of all sizes.
- **Service Assurance Manager** - The only proactive application for remotely diagnosing the health of business critical wireless networks without requiring any overlay sensors.
- **Spectrum Manager** - Meru Spectrum Manager utilizes the information captured from the RF environment to qualify all Wi-Fi channels and dynamically adjust access point settings to avoid interference.
- **E(z)RF OnTheGo** - An add-on application for the Services Appliance that provides customized E(z)RF Network Manager dashboards for mobile devices. This application enables anywhere, anytime management of WLAN.
- **E(z)RF Location Manager** - for accurate location tracking of all Wi-Fi enabled devices.\*1

Meru E(z)RF applications use Web 2.0-based graphical user interfaces and are tightly integrated with Meru Controllers, simplifying operations and reducing the total cost of ownership. Services Appliance platforms have an embedded relational database, enabling them to support large-scale enterprises, providing the ability to monitor and manage hundreds of Meru Controllers and in turn thousands of Meru Access Points.



SA200 SERVICES APPLIANCE



SA2000 SERVICES APPLIANCE



CAROLINA ADVANCED DIGITAL, INC.  
IT INFRASTRUCTURE | SECURITY | MANAGEMENT  
www.cadinc.com  
800.435.2212

1. E(z)RF Location Manager is not available on SA200.

# SERVICES APPLIANCE TECHNICAL SPECIFICATIONS

## SA200 PLATFORM SPECIFICATIONS

### Target Deployments

Small Enterprise

### Max # of Controllers supported for E(z)RF NM

10

### Max # of APs supported for E(z)RF NM

500

### E(z)RF Network Manager versions

2.3 or later

### Supported Controllers

MC1000 or higher

### Power Supply

Single 150W PSU

### Hard-disk

160 GB (non-RAID)

### Mounting

1U rack mount

### Dimensions (HxWxD)

16.7" width x 1.75" height x 10.6" depth  
(42.4 cm width x 4.45 cm height x 26.92 cm depth)

### Interfaces: Ethernet

1 10/100/1000 Base-T  
1 10/100/1000 Base-T (Reserved)

### Interfaces: Serial Port

RJ-45 based

## SA200 ENVIRONMENTAL SPECIFICATIONS

### Environmental Operating Temperature

0° C to 40° C/32° F to 104° F

### Storage and Transit Temperature

-20° C to 70° C

### Humidity, Operating and Non-Operating

5-95% non condensing

## SA 2000 PLATFORM SPECIFICATIONS

### Target Deployments

Medium to Large Enterprise

### Max # of Controllers supported for E(z)RF NM

250

### Max # of APs supported for E(z)RF NM

25,000

### E(z)RF Network Manager versions

2.0 or later release

### Supported Controllers

MC1000 or higher

### Power Supply

Dual Hot-Swappable 275W PSU

### Hard-disk

RAID sub-system with replaceable hard-disks - 500 GB each

### Mounting

1U rack mount

### Dimensions (HxWxD)

16.97" width x 1.74" height x 16.49" depth  
(43.1 cm width x 4.45 cm height x 41.88 cm depth)

### Weight

25 lbs 6oz

### Interfaces: Ethernet

4 10/100/1000 Base-T Ethernet

### Interfaces: Serial Port

RJ45 Console Port  
2 x USB Ports

## SA 2000 ENVIRONMENTAL SPECIFICATIONS

### Environmental Operating Temperature

0° C to 40° C/32° F to 104° F

### Storage and Transit Temperature

-40° C to 85° C / -40° F to 185° F

### Humidity, Operating and Non-Operating

5-95% @40° C/104° F

## Certifications

### EMC

FCC Part 15/ICES-003 Class A  
Japan VCCI Class A  
EU EN 55022; 2006 and  
EN 55024:1998/A1:2001/  
A2:2003  
Korea KCC

### SAFETY

cUL 60950-1  
IEC/EN 60950-1  
CB scheme and report with current  
national deviations per country  
certification  
RoHS compliant

For other countries and regions,  
please contact your local Meru  
representative for more specific  
regulatory information.



More on Meru SA200/SA2000 visit | [www.merunetworks.com](http://www.merunetworks.com) | Or email your questions to: [info@merunetworks.com](mailto:info@merunetworks.com)

Meru Networks | Copyright © 2011 Meru Networks, Inc. All rights reserved worldwide. Meru Networks is a registered trademark of Meru Networks, Inc. in the US and worldwide. All other trademarks, trade names or service marks mentioned in this document are the property of their respective owners.

**Meru Networks** develops and markets wireless infrastructure solutions that enable the All-Wireless Enterprise. Its industry-leading innovations deliver pervasive, wireless service fidelity for business-critical applications to major Fortune 500 enterprises, universities, healthcare organizations and local, state and federal government agencies. Meru's award-winning Air Traffic Control technology brings the benefits of the cellular world to the wireless LAN environment, and its WLAN System is the only solution on the market that delivers predictable bandwidth and over-the-air quality of service with the reliability, scalability and security necessary to deliver converged voice and data services over a single WLAN infrastructure.

DS\_SAFamily\_0410\_v3



Corporate Headquarters  
894 Ross Drive  
Sunnyvale, CA 94089  
T +1 (408) 215-5300  
F +1 (408) 215-5301  
E [info@merunetworks.com](mailto:info@merunetworks.com)