

RINGMASTER APPLIANCE RM-200



The Trapeze Networks® RingMaster Appliance is a highly-scalable, rack-mount management platform. It comes fully-loaded with the latest version of RingMaster® Enterprise, Trapeze’s award-winning wireless LAN management software. Enabling rapid deployment with minimal configuration, it allows large enterprises to manage their wireless networks without ever worrying about upgrading the management platform as the network scales over time. Unlike software-only management solutions that must be loaded on a general-purpose server, and require constant operating system maintenance upgrades and security patches, the RM-200 is a full-turnkey solution. It includes the award-winning RingMaster application and features enterprise-class hardened hardware with an optimized Linux-based operating system. Because of these optimizations, the RM-200 is virtually maintenance free and dramatically reduces operational cost.

Unprecedented Scalability

With support for 250 Access Points out of the box, the RM-200 scales to support as many as 5,000 indoor or outdoor Access Points including 802.11n Access Points. For maximum flexibility additional licenses are available in conveniently sized increments ranging from 10 to 1,000 Access Points. And with fully redundant dual RAID storage, the RM-200 offers ample capacity to support over twelve months of history, as well as daily backups of the configuration.

Flexible Remote Management

The RM-200 supports standard MIBs to allow remote management of the appliance using third party element managers such as HP OpenView or IBM Tivoli. In addition, the Webstart client feature lets network managers remotely download a RingMaster client and instantly begin managing the network from anywhere. The RM-200 also allows network managers to manage multiple-site wireless networks through a single RingMaster remote console. Alternatively, multiple network managers can each securely manage local networks by allowing multiple consoles simultaneously.

When to use the RM-200

	RingMaster Appliance	RingMaster Software
Model Number	RM-200	RM-TS-xx
Base AP License	250	5
Maximum Licenses	5,000	1,000
Equipment Cost	Medium	Low
Maintenance Cost	Low	High

WLAN Lifecycle Management

RingMaster goes far beyond basic configuration and monitoring, extending to full-lifecycle enterprise WLAN management. It enables network managers to perform all critical functions necessary for planning, configuring, deploying, monitoring, and optimizing business Wi-Fi networks. RingMaster’s intuitive interface and easy to use wizards provide extensive monitoring and reporting capabilities at device, user and network levels. While its award-winning, unique 3D predictive RF planning module takes the guess work out of planning and then configuring and deploying a wireless network, that is optimized for the capacity requirements and application demands of the business.

Key Features

- Ability to simultaneously manage up to 5,000 access points or 1,000 Mobility Exchange WLAN controllers
- Turnkey system with optimized Linux-based OS for low maintenance and out-of-the box operation
- Supports Trapeze's award-winning RF planning module, with 3D predictive planning for indoor and outdoor areas
- Supports all Trapeze Networks access points, including unique 802.11n hot-spot / zone planning capabilities
- Comes with high-capacity dual RAID HDDs to enable up to a year of history and mobility trending data
- Reciprocal alarms and change management integration with AirDefense for dynamic threat response
- Base license of 250 APs easily upgraded in increments of 10, 50, 100, 250, 500 or 1,000 APs

Specifications

HARDWARE SPECIFICATIONS	
Dimensions (W x D x H)	<ul style="list-style-type: none"> • 16.8 in x 25.6 in x 1.7 in (42.6 cm x 65.0 cm x 4.3 cm)
Weight	<ul style="list-style-type: none"> • 40.0 lbs (18.1 kg)
Interfaces	<ul style="list-style-type: none"> • 2 10/100/1,000 Base-T ports • 1 Serial console port
Environmental	<ul style="list-style-type: none"> • Operating temperature: 10°C to 35°C • Storage temperature: -40°C to 70°C • Humidity: 8% - 90% (non-condensing)
Power	<ul style="list-style-type: none"> • 100-240 VAC 50/60 Hz • 520 watts power supply • Max Amperage draw: 7.0 A at 100V, 3.0 A at 240V
Regulatory Safety	<ul style="list-style-type: none"> • UL 60950-1:2003, CSA 60950-1:2003, EN 60950, IEC 60590, CE Mark-EU Directive 73/23/EEC
EMI / EMC	<ul style="list-style-type: none"> • FCC PART 15 Class A • ICES 003 Class A • VCCI Class A • EN 55022 Class A, EN 55024, CE Mark (EU Directive 89/336/EEC) • CISPR 22 Class A
IEEE Standards	<ul style="list-style-type: none"> • 802.3: 100BASE-T • 802.3u: 1,000BASE-TX Gigabit Ethernet

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