

February 2015



at a glance

Ruckus Wi-Fi Product Overview

Smart Wi-Fi Access Points



Smart WLAN Controllers



Key Benefits

Multiple deployment architecture options

- Hardware controller-based network (on premise)
- Virtual Machine (VM) controller-based network (on premise or hosted)
- Controller-less network (Ruckus Unleashed)

Most reliable / best performing Wi-Fi

- Up to 2X the range and reliability
- APs integrate high-gain, directional smart antenna's for consistent performance at range with the ability to mitigate interference
- Stronger signal at longer ranges improves client performance
- TX/RX polarization diversity improves connectivity with smart devices

Unprecedented simplicity

- Configures in minutes mobile optimized, and free management, monitoring, and diagnostics apps
- Eliminates configuration complexity and cumbersome deployment issues
- Simple and robust security
- Automatic RF management

Dramatically lower CAPEX/OPEX

- Fewer APs (that reach farther) required
- Smart Mesh networking eliminates the need to run Ethernet cables to every Wi-Fi access point
- No additional software licenses for new features

Ruckus Differentiators Wave



CAPABILITY	Ruckus	Aruba	A/Hive	Cisco	Meraki	HP	Fortinet	Xirrus
802.11ac WAVE2 support	✓	*		*				
Extended range and coverage	✓							
Interference mitigation	✓							
Advanced quality of service (QoS)	✓							
Dynamic pre-shared keys (no-touch client security)	✓		✓					
802.1X support	✓	✓	✓	✓	✓	✓	✓	✓
Flawless transmission of concurrent voice, video & data	✓							
Adaptive high gain directionality	✓							
Guest access	✓	✓	✓	✓	✓	✓	✓	✓
Self organizing / healing wireless meshing	✓	limited	limited	limited		limited	limited	
5-minute complete wireless LAN configuration	✓							
Number of APs per 100,000 square feet	25	40	40	40	40	40	40	40
Zero IT configuration	✓	✓					✓	
Price	\$	\$\$\$\$	\$\$	\$\$\$\$		\$\$\$	\$\$\$	\$\$\$

Select Indoor / Outdoor

*Announced Wave 2 but not shipping

PRODUCT	IMAGE	DESCRIPTION
ZoneFlex R710		High-end dual-band 4X4:4 802.11ac Wave 2 Smart Wi-Fi AP featuring an integrated dual-polarized smart antenna array.
ZoneFlex R700		High-end dual-band 3X3:3 802.11ac Wave1 Smart Wi-Fi AP featuring an integrated dual-polarized smart antenna array.
ZoneFlex R600*		Mid-range dual-band, 3X3:3 802.11ac Wave1 Smart Wi-Fi access points with integrated dual-polarized antenna array.
ZoneFlex R500*		Mid-range dual-band, 2X2:2 802.11ac Wave1 Smart Wi-Fi access points with integrated dual-polarized antenna array.
ZoneFlex H500		The industry's first 802.11ac Wave1 wall switch using Ruckus' patented BeamFlex+ adaptive antenna technology.
ZoneFlex 7055		Four port, dual-band concurrent, 2X2:2 Wi-Fi wall switch. 802.11n
ZoneFlex T300 Series		High capacity, 2X2:2 dual-band 802.11ac Wave1 outdoor Smart Wi-Fi access point with integrated smart antenna array.
ZoneFlex P300		Long-range (up to 12km), 5 GHz 802.11ac Wave1 Wi-Fi point-to-point & point-to-multipoint bridge
ZoneFlex 7782		802.11n outdoor access point featuring multiple antenna options specifically designed to meet the needs of stadiums, arenas, and airports.
ZoneDirector 5000		Central WLAN controller supporting from 100 to 1,000 Ruckus ZoneFlex APs.
ZoneDirector 3000		Central WLAN controller supporting from 25 to 500 Ruckus ZoneFlex APs.
ZoneDirector 1200		Central WLAN controller supporting up to 75 Ruckus ZoneFlex APs.
SmartZone 100		Scalable WLAN controller supporting up to 3,000 APs in a cluster.
Smart Cell Gateway 200		The SmartCell™ Gateway (SCG) 200 represents the first in a new category of scalable and versatile WLAN controllers with support for 3GPP compatible WLAN gateway functionality.
Virtual SmartZone (vSZ-E & vSZ-H)		A carrier-grade software platform developed for service providers and large enterprise
Unleashed		A controller-less, low cost solution for SMB

*Supports Ruckus controller-less Unleashed product