

## AT-A-GLANCE

### SMART WI-FI ACCESS POINTS



- Indoor APs
- Outdoor APs
- Controller-less APs
- Point-to-point | point-to-multipoint bridges

### SMART WI-FI ACCESS PLATFORMS



- ZoneDirector & SmartZone - Appliance
- SmartZone - Virtual Appliance
- Ruckus Unleashed - Controller-less
- Cloud Wi-Fi - WLAN Management-as-a-Service

## RUCKUS SMART WI-FI PORTFOLIO OVERVIEW

### KEY FEATURES AND BENEFITS

#### Multiple controller architectures

- Physical controller appliance for maximum control
- Virtual controller appliance for maximum control and deployment flexibility
- Cloud-managed for simple, intuitive management
- Controller-less for plug-and-play ease

#### High-reliability, high-performance Wi-Fi

- Patented BeamFlex+ adaptive antenna technology yields better coverage, per device throughput and aggregate network capacity
- Patented ChannelFly dynamic channel management technology maximizes AP and aggregate network capacity

#### Operational simplicity

- Simplified management options allow WLAN configuration in minutes
- Built-in monitoring, diagnostics and RF management
- Simple, robust security including 802.1x and dynamic pre-shared keys

#### Dramatically lower CapEx / OpEx

- Superior coverage performance allows fewer APs to cover a given area, reducing up-front and recurring investment
- Superior density performance allows each AP to accommodate more users, reducing required AP count or providing greater investment longevity
- SmartMesh networking reduces cumbersome, costly cable runs

### RUCKUS DIFFERENTIATORS

MODEL	Ruckus	Aruba	Aerohive	Cisco	Meraki	Fortinet	Xirrus
802.11ac Wave 2 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 antenna technology	✓						
Guest networking/onboarding	✓	✓	✓	✓	✓	✓	✓
Network Access Control (NAC) (authentication, certificate management, policy management)	✓	✓		✓			
Self-organizing, self-healing wireless meshing	✓	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
Price	\$\$	\$\$\$\$	\$\$	\$\$\$\$	\$\$	\$\$\$	\$\$\$

### SELECT INDOOR & OUTDOOR APs AND CONTROLLERS

\* - SUPPORTS RUCKUS UNLEASHED. † - SUPPORTS CLOUD WI-FI

PRODUCT	IMAGE	DESCRIPTION
ZoneFlex R710 <sup>†</sup>		High-end dual-band 4X4:4 802.11ac Wave 2 AP featuring MU-MIMO, integrated dual-polarized antennas and BeamFlex+ adaptive antenna array technology.
ZoneFlex R610*		Mid-range 802.11ac Wave 2, 3x3:3 dual-concurrent AP with BeamFlex+ adaptive antenna technology
ZoneFlex R510		Mid-range dual-band, 2x2:2 802.11ac Wave 2 Smart Wi-Fi AP with MU-MIMO and Ruckus' patented BeamFlex+ adaptive antenna technology.
ZoneFlex R500 <sup>†</sup>		Mid-range dual-band, 2X2:2 802.11ac Wave 1 AP featuring integrated dual-polarized antenna arrays and BeamFlex+ adaptive antenna technology.
ZoneFlex R310 <sup>†</sup>		Entry level, dual-band, 2x2:2 802.11ac Wave 1 AP featuring BeamFlex adaptive antenna technology.
ZoneFlex H510		802.11ac Wave 2, dual-concurrent wall switch with five GbE ports. Featuring PoE output and BeamFlex+ adaptive antenna technology. Designed for hotels and multi-dwelling units
ZoneFlex T300 Series*		High-capacity, dual-band 2X2:2 802.11ac Wave 1 hardened outdoor AP featuring BeamFlex+ adaptive antenna technology and multiple antenna configuration options
ZoneFlex P300		Long-range (up to 12km), 5 GHz 802.11ac Wave 1 Wi-Fi point-to-point & point-to-multipoint bridge
ZoneFlex T610*		Mid-range 802.11ac Wave 2, 4x4:4 dual concurrent AP with BeamFlex+
ZoneFlex T710 <sup>†</sup>		High-capacity, high-performance, dual-band 802.11ac Wave 2 hardened outdoor AP featuring BeamFlex+ adaptive antenna technology and multiple antenna configuration options.
ZoneFlex C110		802.11ac Wave 2 2x2:2 AP featuring BeamFlex+ adaptive antenna technology and multiple antenna options. The C110, with built-in DOCSIS 3.0 cable modem, is designed to deliver best-in-class Wi-Fi connectivity in existing coax installations for hospitality and MDU segments.
ZoneDirector 1200		WLAN controller appliance supporting up to 75 Ruckus ZoneFlex APs.
SmartZone 100		Scalable WLAN controller appliance supporting up to 3,000 APs in a cluster.
Smart Cell Gateway 200		High-scale, high-performance WLAN controller appliance with support for 3GPP compatible WLAN gateway functionality.
Ruckus Cloud Wi-Fi		Cloud-managed WLAN (Management-as-a-Service) featuring a range of ZoneFlex 802.11ac APs
Virtual SmartZone (vSZ-E & vSZ-H)		Carrier-grade virtualized WLAN controller platform developed for service providers and large enterprise
Ruckus Unleashed		Controller-less, plug-and-play WLAN for small and medium businesses