

# ZoneFlex™

## Smart Wireless LAN Systems



The Ruckus ZoneFlex Smart Wireless LAN systems changes the economics for WLAN deployment, allowing enterprises to install a robust and centrally-managed wireless environment at half the cost, in half the time, and with three times the performance. ZoneFlex is the first wireless LAN solution to combine state-of-the-art smart antenna technology, smart Wi-Fi meshing and centralized management within a single, ultra-simple system.

### KEY FEATURES

- BeamFlex™ — Wi-Fi beamforming and beamsteering
- Smart Mesh Networking — Intelligent RF routing
- SmartCast — Innovative traffic handling
- SmartSec — Robust wireless security
- 802.11n — Highest speed performance

### KEY BENEFITS

- **World's most reliable/best performing Wi-Fi**
  - Three to four times the range and reliability
  - Each AP integrates high-gain, directional smart antenna array for consistent performance at range and automatic interference avoidance
- **Unprecedented simplicity**
  - Configures in minutes, pluggable, meshable and self-forming
  - Eliminates configuration complexity and cumbersome WLAN deployment issue
  - Simple and robust security
  - Automatic RF management
- **Dramatically lower CAPEX/OPEX**
  - Smart Mesh networking eliminates the need to run Cat 5 Ethernet cables to every Wi-Fi access point
  - Fewer APs required
  - Deploy once, never survey site again

Smart Wi-Fi Products	Description
	Remote Wi-Fi device management and managed service platform
	Smart Wi-Fi application engine for Ruckus ZoneDirector controllers <ul style="list-style-type: none"> <li>- Guest networking</li> <li>- Smart mesh networking</li> <li>- RF management</li> <li>- Sophisticated security</li> <li>- Advanced authentication</li> </ul>
	Central WLAN controllers supporting 6 to 500 Ruckus ZoneFlex APs
	Dual-band, two-port, 802.11n wall/ceiling mounted Smart Wi-Fi AP with PoE (802.3af) support and integrated dynamic beamforming
	Dual-band, two-port, 802.11n outdoor pole/wall/ceiling mounted Smart Wi-Fi AP with PoE (802.3af) support and integrated dynamic beamforming
	Single-band, one-port, 802.11n outdoor Smart Wi-Fi point-to-point bridge with PoE (802.3af) support and integrated dynamic beamforming
	Single-band, two-port 802.11n wall/ceiling mounted Smart Wi-Fi AP with PoE (802.3af) support and integrated dynamic beamforming
	Single-band, two-port 802.11b/g wall/ceiling mounted, Smart Wi-Fi AP with PoE (802.3af) support and integrated dynamic beamforming
	Single-band, one-port 802.11b/g outdoor Smart Wi-Fi AP with PoE (802.3af) support and integrated dynamic beamforming



