

RUCKUS ZONEDIRECTOR 1200

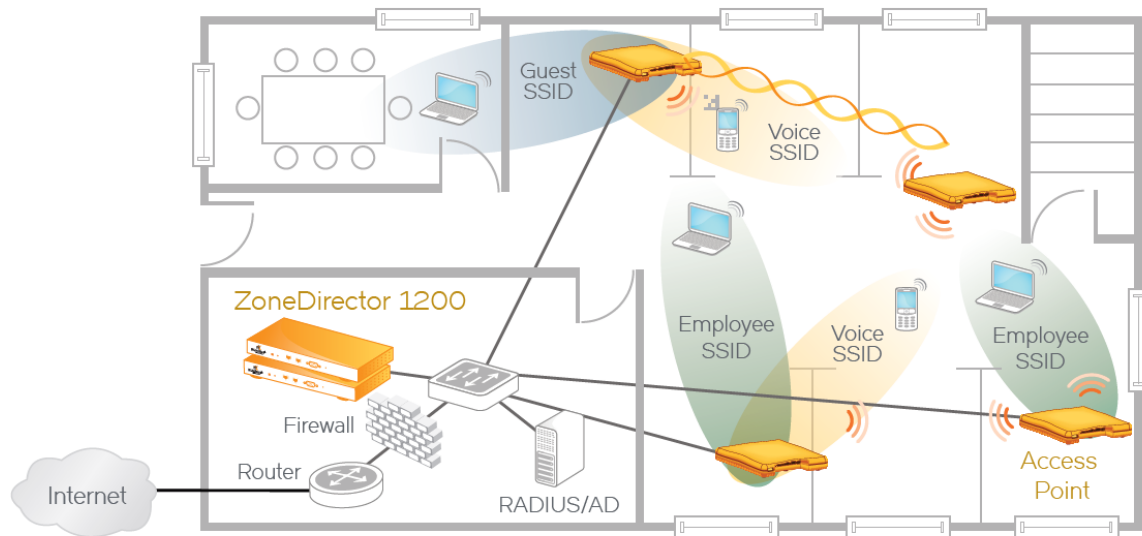
ENTERPRISE-CLASS SMART WIRELESS LAN CONTROLLER

The Ruckus ZoneDirector is ideal for small businesses that require a robust and secure WLAN that can be easily deployed, centrally managed and automatically tuned. The ZoneDirector 1200 is also perfect for businesses who want to provide services such as voice over Wi-Fi, IP-based video, secure enterprise access and tiered Wi-Fi services in venues such as hotels, airports, schools and public buildings.



FEATURES

- **Simple to use, simple to manage**
Centralized management, quick setup, IT-Lite and automatic, real-time optimization of entire WLAN
- **802.11AC Ready**
ZoneDirector 1200 is 802.11ac ready as well as backwards compatible with all existing Ruckus access points
- **IT lite deployment in 5 minutes or less**
A web-based configuration wizard lets any computer user configure an entire WLAN in minutes. Ruckus APs auto-discover the ZoneDirector. Centralized management and automatic, real-time optimization of entire WLAN
- **Advanced WLAN features and functions**
Advanced wireless networking features include rogue AP detection, interference detection, band steering, airtime fairness, role-based user policies, per-user rate-limiting, hotspot, guest networking services, VLAN pooling, application recognition and control
- **Smart mesh networking streamlines costly and complex deployment**
Integrated Smart Mesh Networking technology automates deployment, eliminates the need to run Ethernet cable to every Smart Wi-Fi access point. Adaptable architecture with Hybrid Mesh extends the wireless network through Ethernet-connected APs, increasing system performance through better spatial reuse
- **Automatic user security**
Dynamic PSK eliminates the requirement to configure and update individual PC client devices with unique encryption keys. Dynamic VLAN assignment seamlessly extends existing security policies to the WLAN
- **Distributed forward architecture**
Maximizes data throughput by sending all data traffic directly from the access points to the wired network



HARDWARE FEATURES

- Thin desktop footprint
- Easy discovery from PC using UPnP
- Manage multiple locations and ZoneDirectors with FlexMaster
- Two 1000 Mbps ports for full redundancy
- Lifetime warranty coverage

SOFTWARE FEATURES

- Central control and configuration of up to 150 Ruckus APs
- Support for 256 WLANs
- Integrated DHCP server
- Easy-to-use setup wizard
- Ultra-intuitive GUI
- 1+1 redundancy with auto synchronization
- Application recognition and controls
- VLAN pooling
- Smart Mesh Networking control and monitoring
- Real-time client admission control
- Load balancing
- Customizable dashboard
- Dynamic RF channel and power management
- Quality of service with WLAN prioritization, band steering and airtime fairness
- Integrated captive portal
- Native ActiveDirectory/RADIUS/LDAP support
- Local authentication database
- Dynamic VLAN assignment
- Guest networking
- Dynamic generation of unique Pre-Shared Keys
- Rogue AP detection and graphical map view
- Hotspot authentication using WISPr
- WISPr Smart Client Support
- Performance monitoring and statistics
- Limited lifetime warranty

SPECIFICATIONS

PHYSICAL CHARACTERISTICS	
Power	<ul style="list-style-type: none"> External power adapter Input: 110 – 240V AC Output: 12V DC, 2A
Physical Size	<ul style="list-style-type: none"> Desktop: 25cm (L), 15.93cm (W), 3.164cm (H)
Weight	<ul style="list-style-type: none"> 2.2 lbs (1 kilogram)
Ports	<ul style="list-style-type: none"> 2 Ethernet ports, auto MDX, auto-sensing 10/100/1000 Mbps 1 Console RJ-45 port
Environmental Conditions	<ul style="list-style-type: none"> Operating Temperature: 32°F (0°C) – 104°F (40°C) Operating humidity: 20% – 90% non-condensing
CAPACITY	
Managed APs	<ul style="list-style-type: none"> Up to 150
WLANs (BSSIDs)	<ul style="list-style-type: none"> 256
Concurrent Stations	<ul style="list-style-type: none"> Up to 4,000
APPLICATIONS	
Hotspot	<ul style="list-style-type: none"> WISPr
Guest Access	<ul style="list-style-type: none"> Supported
Captive Portal	<ul style="list-style-type: none"> Supported
Mesh	<ul style="list-style-type: none"> Supported
Voice	<ul style="list-style-type: none"> 802.11e/WMM U-APSD Tunneling to AP
NETWORK ARCHITECTURE	
IP	<ul style="list-style-type: none"> IPv4, IPv6, dual-stack
VLANs	<ul style="list-style-type: none"> 802.1Q (1 per BSSID), dynamic VLAN
Redundancy	<ul style="list-style-type: none"> 1+1 with auto-synchronization
DCHP Server	<ul style="list-style-type: none"> Supported
MANAGEMENT	
Configuration	<ul style="list-style-type: none"> Web user interface, CLI, FlexMaster, SNMP v1, v2, v3
AAA	<ul style="list-style-type: none"> RADIUS (primary and backup)
AP Provisioning	<ul style="list-style-type: none"> L2 or L3 auto-discovery Auto-software upgrade Automatic channel and power optimization
Client Provisioning	<ul style="list-style-type: none"> Zero-IT Auto proxy configuration
Wireless Packet Capture	<ul style="list-style-type: none"> Supported
SECURITY	
Standards	<ul style="list-style-type: none"> WPA, WPA2, 802.11i
Encryption	<ul style="list-style-type: none"> TKIP, AES Ruckus Dynamic Pre-Shared Key
Authentication	<ul style="list-style-type: none"> 802.1x, MAC address
User Database	<ul style="list-style-type: none"> Internal database up to 4,000 users External: RADIUS, LDAP, Active Directory
Access Control	<ul style="list-style-type: none"> L2 (MAC address-based) L3/4 (IP and Protocol based) L2 client isolation Management interface access control Time-based WLANs
Wireless Intrusion Detection (WIDS)	<ul style="list-style-type: none"> Rogue AP detection DoS attack prevention Evil-twin/AP spoofing detection Ad hoc detection Password guessing protection
MULTIMEDIA AND QUALITY OF SERVICE	
802.11e/WMM	<ul style="list-style-type: none"> Supported
Software Queues	<ul style="list-style-type: none"> Per traffic type (4), per client
Traffic Classification	<ul style="list-style-type: none"> Automatic, heuristics and TOS based or VLAN-defined
Rate Limiting	<ul style="list-style-type: none"> Supported
WLAN Prioritization	<ul style="list-style-type: none"> Supported
Client Load Balancing	<ul style="list-style-type: none"> Automatic
CERTIFICATIONS	
Certifications*	<ul style="list-style-type: none"> U.S., Europe, Australia, Brazil, Canada, Chile, Colombia, Hong Kong, India, Indonesia, Korea, Mexico, New Zealand, Philippines, Saudi Arabia, Singapore, Thailand, UAE
SUPPORTED WIRELESS STANDARDS	
IEEE	<ul style="list-style-type: none"> 802.11a, 802.11b, 802.11g, 802.11n, 802.11ac, 802.11r, 802.11k, 802.11v, 802.11d, WMM/802.11e, 802.11u