

# Wireless AP Controller

Manages up to 50 APs | 4 Gigabit LAN Ports | Console Port

## WLC-6404



With the demand for Internet connection of mobile devices growing rapidly, high scalability WLAN and centralized management become necessary for wireless device deployments. Comtrend Wireless Access Point Controller, WLC-6404 can centralize WLAN management to reduce extra efforts, and capable of extending networks flexibly and fulfilling different deploy requirements. Comtrend WLC-6404 is easy to use and scalable for Hotels, Schools, Chain Stores, Logistic Centers and MRT Stations as well as small to medium enterprises to configure network solutions that meet their specific needs.

### FEATURES

- **High Speed Interface:**  
Supports gigabit ports & USB 3.0
- **Easy Installation:**  
Rack/wall/desk-mount design with easy installation kit and five-step setup wizard
- **Scalable Architecture:**  
Manages up to 50 Comtrend access points including both indoor & outdoor APs
- **Easy Centralized Management:**  
Web-based software for remote AP configuration and control
- **AP L2/L3 Management**  
Supports batch setup and configuration with group firmware upgrade & group restart.
- **RF Management:**  
Graphical zone plan with Google Maps integration for easy custom AP deployment
- **Robust Security:**  
Built-in RADIUS (AAA) supports authentication & authorization for up to 256 user accounts
- **Guest Access and Captive Portal:**  
Supports user name & password-based authentication with independent guest network settings for bandwidth rates (upload/download), IP filtering, duration of use/account expiry
- **Business Environments:**  
Wide range of commercial applications such as offices, hotels, meeting rooms, schools, campuses, resorts, retail, and shopping malls.
- **Supported AP Models:**  
Comtrend SMB access point product series, including indoor and outdoor types.

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## SPECIFICATIONS

Hardware	
WAN (LAN 0)	Giga x 1
LAN	Giga x 3
USB	USB3.0 x 1
Console	RJ45
Flash	8GB for log storage
Power	DC: 12V / 1.5A
Mounting	Rack/Desk/Wall-Mount
Reset	V
LED Indicators	1. POWER 2. STATUS 3. STORAGE 4. LINK/ACT
Environmental Conditions	Operating Temperature: 0°-50°C (32°-122°F) Operating Humidity: 90% max.
Dimensions	265(L) x 180(W) x 44(H)mm
Weight	990g
Housing	Metal case
Management	
Max. Comtrend SMB AP	50
Managed IP Device	V
Traffic Statistics	Network Traffic/CPU Loading/Memory Usage
Guest Log	V
Multiple FW Upgrade	V
Deployment	
L2 Auto-Discovery	V
AP Planning	V
Locate AP(Buzzer/LED)	V
WDS between APs	V
Google Maps Support	V
Radio Resource Management	
Client RSSI Threshold	V
Dynamic Channel Select	V
Auto Pilot (Auto Channel/Power)	V

Security	
MAC Filtering	V
Blocking Intra-BSS Traffic	V
Rogue AP Detection	V
Wireless L2 Isolation	V
Access Control	
Captive Portal (Internal & External)	V
Guest Account	V
RADIUS Authentication	V
RADIUS Accounting	V
Wireless QoS	
AP Load Balancing	V
WLAN Station Bandwidth Limiting (Per-SSID)	V
Diagnostic Tool	
Ping/Trace Route	V
Physical	
Primary/Secondary Controller Support	TBD
Software Function Items	
Active AP	50
AP Groups	32
WLAN	64
WLAN Groups	8
RADIUS Accounts	256
RADIUS Groups	8
Access Control (White / Black List)	256
Access Control Groups	8
Guest Network	32
Guest Network Groups	8
Guest Portal - Guest Account	256
Guest Portal - Guest Group	8
Package Content	
Mounting Bracket	Rack-Mount Bracket Kit Wall-Mount Kit
Power Adapter	12V / 1.5A Power Adapter
Cables	Ethernet Cable x 1 Console Cable x 1



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