

# 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<br>2. STATUS<br>3. STORAGE<br>4. LINK/ACT                            |
| Environmental Conditions           | Operating Temperature: 0°-50°C<br>(32°-122°F)<br>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<br>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<br>(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<br>(Internal & External)       | V  |
| Guest Account                                 | V  |
| RADIUS Authentication                         | V  |
| RADIUS Accounting                             | V  |
| Wireless QoS                                  |  |
| AP Load Balancing                             | V  |
| WLAN Station Bandwidth<br>Limiting (Per-SSID) | V  |
| Diagnostic Tool                               |  |
| Ping/Trace Route                              | V  |
| Physical                                      |  |
| Primary/Secondary Controller<br>Support       | TBD                                      |
| Software Function Items                       |  |
| Active AP                                     | 50                                       |
| AP Groups                                     | 32                                       |
| WLAN  | 64                                       |
| WLAN Groups                                   | 8  |
| RADIUS Accounts                               | 256                                      |
| RADIUS Groups                                 | 8  |
| Access Control<br>(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<br>Wall-Mount Kit |
| Power Adapter                                 | 12V / 1.5A Power Adapter                 |
| Cables  | Ethernet Cable x 1<br>Console Cable x 1  |



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