

## Cipherium A200



### A200

*is a manageable Wi-Fi access point, delivering superior features and performance that are demanded by growing number of WLAN users.*

*As part of Cipherium wireless network management solution, A200 is positioned at the edge of network and centrally managed by backend Cipherium M-Series products.*

*With Cipherium M-Series, administrators can discover, configure, update, and monitor all A200's from a unified, secured interface.*

## Key Benefits –

### Centralized Remote Management

- Ability to be centrally managed by Cipherium M-Series via HTTP interface
- Configurable and upgradeable remotely via Cipherium M-Series or built-in web-based interface
- Status monitoring of associated client stations ensures efficient network resource utilization

### Reliable Performance

- Dedicated processor offers superior performance
- Automatic rate fallback in case of interferences or obstacles
- Inter-subnet roaming enables smooth and seamless Inter-AP handoff

### Enhanced Security

- Simultaneous support for internal and external user authentication options
- Standards-based encryption capabilities ensure data privacy to user's device
- Permits or refuses individual users using MAC address access control list

## Key Features –

### Networking

- Complies with Wi-Fi standard: IEEE 802.11b/g
- Suppressible ESSID broadcast capability

### Security

- Supports data encryption: WEP (64/128-bit), WPA, WPA2
- Supports authentication: WPA-PSK, WPA2-PSK, IEEE 802.1x
- Provides MAC address access control list

### AP Management Coordination

- A200's can be centrally managed by Cipherium M-Series via HTTP interface
- Directly and indirectly attached A200's can be discovered by central Cipherium M-Series
- Configurable and upgradeable remotely via Cipherium M-Series interface

### Monitoring and Reporting

- System status and settings
- Network interface status and network settings
- Associated clients' status

### System Administration

- Web-based management UI (Cipherium M-Series interface or built-in web-based interface)
- Supports remote firmware upgrade

### Hardware Specifications

- Form Factor: Compact-size book
- Dimensions (W x D x H): 127 mm x 96 mm x 30 mm
- Weight: 0.15 Kg
- Operating Temperature: 10 ~ 40 °C
- Power: 120 VAC, 60 Hz
- Frequency Band: 2.400 ~ 2.4835 GHz; 1 ~ 14 channels
- Antenna: 1 x RP-SMA detachable
- Reset Button x 1
- Ethernet Interfaces: 1 x Fast Ethernet (10/100 Mbps)
- Wireless Interface: 1 x IEEE 802.11b/g (11/54 Mbps)
- WAN Port: 1 x 10BASE-T/100BASE-TX RJ-45
- LED Indicators: 1 x Power, 1 x WAN, 1 x WLAN
- Certifications: CE, FCC

