

Wifi-soft
DATASHEET

UniBox U-200
Network Access and
Bandwidth Controller
ver. 3.0

UniBox is an intelligent access controller and hotspot gateway that provides complete control over your wired and wireless network. UniBox 3.0 helps network administrators centrally manage their network, avoid unauthorized access, enforce policies and track real-time network activity.



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ver. 3.0



UniBox U-200 is an all-in-one controller appliance that combines the functions of a wireless LAN controller, hotspot gateway, AAA server, web server, load balancer, web logger, VPN server, policy server and firewall in a single box. It also comes with comprehensive reporting and analytics tools for analyzing and tracking network activity of all users. UniBox can be deployed as a stand-alone appliance or can function with WiFiLAN OSS/BSS.

UniBox U-200 belongs to a family of UniBox controllers that is specially designed for managing network access in medium-sized venues like small hotels/inns, shopping malls, educational institutes and public Wi-Fi hotspots. U-200 is capable of handling 200 concurrent user sessions and is built on a reliable Linux platform to provide high availability and performance.

CAPTIVE PORTAL



NEW & IMPROVED FEATURES



Upgraded GUI



Automatic Cloud Sync



LDAP/AD Integration



Better Throughput



Remote Sys Logger



Virtual PMS



AP Controller & NMS



Automatic Software Upgrades



Social Media Integration



Multiple Hotspots



Bandwidth Monitoring



VPN Server



Enterprise Configuration Enabled



External DHCP Support



VLAN Enabled



Group-based Content Filtering



Traffic Analysis



Firewall



Multi-WAN & Load Balancer



Configurable Portal Templates



Branch Networking

FEATURES

Universal Controller

- ▶ Wired/Wireless Access Controller
- ▶ Captive Portal System
- ▶ Hotspot Billing
- ▶ Built-in AAA/RADIUS Server
- ▶ On-board DHCP Server
- ▶ User Database

Networking

- ▶ Multiple LAN Subnets
- ▶ VLAN Support
- ▶ WAN Load Balancing & Failover
- ▶ VPN Server
- ▶ Branch Networking
- ▶ Group-based Routing
- ▶ Network Monitoring

User Management

- ▶ Automated User Provisioning
- ▶ Per-User Rate Limits
- ▶ MAC-based Authentication
- ▶ Approval-based Registrations
- ▶ User Groups
- ▶ LDAP/AD/GSuite Integration

Policy Manager

- ▶ Bandwidth Rate Limiting
- ▶ Time and Data Quota Limits
- ▶ Dynamic Bandwidth Allocation
- ▶ Group-based Policies
- ▶ Fair Usage Policy
- ▶ Date/Time Policies

Reporting

- ▶ Online Users
- ▶ Usage Reports
- ▶ Social Media Profiling
- ▶ Revenue Reports
- ▶ PMS & Voucher Reports
- ▶ Network Monitoring Reports
- ▶ Automated Reporting

Hotspot Billing

- ▶ Billing Plans
- ▶ Payment Gateway Integration
- ▶ Access Codes / Vouchers
- ▶ Integration with Multiple PMS Vendors
- ▶ Tiered Billing
- ▶ Automated Emails

AP Controller

- ▶ Management Dashboard
- ▶ AP Provisioning
- ▶ Central AP Configuration
- ▶ Auto-discovery
- ▶ Heatmaps
- ▶ Traffic Analysis

Captive Portals

- ▶ Template-based Captive Portals
- ▶ Multiple Login Methods
- ▶ On-based Portal Server
- ▶ Two-Factor (SMS/OTP) Logins
- ▶ Social Media Login

Compliance

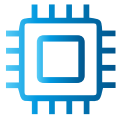
- ▶ Group-based URL Filtering
- ▶ Web Logging & Archiving
- ▶ TRAI/DoT Compliance
- ▶ User Isolation
- ▶ MAC Blacklist

WiFi Advertisement

- ▶ Portal Page Advertisement
- ▶ Multimedia Content
- ▶ Targeted Advertisement
- ▶ Pre-login and Interstitial Ads
- ▶ Advertisement Reports

Other

- ▶ Remote Syslogs
- ▶ Automatic Updates
- ▶ Role-based Administration
- ▶ Audit Trails
- ▶ Diagnostic Tools



TECHNICAL SPECIFICATIONS



Interface

4 LAN Port (RJ-45) – 10/100/1000 base T/Tx
1 WAN Port (RJ-45) – 10/100/1000 base T/Tx
1 Console Port
2 USB Ports
On-Off switch

Networking

Static & Dynamic Routing
DNS & DHCP Server
Layer 2 isolation
VLAN Tagging
SNMP v2c support
NTP (RFC 1305) support

Power Rating

Input Voltage: 110-240V AC
Power Consumption: 200W
Heat Dissipation: 300 BTU

Compliance

CE Emission
RoHS

System Performance

Concurrent User Sessions : 200
Data Throughput : 262 Mbps (auth)
420 Mbps (noauth)

Form Factor: 1U Rackmount
Physical Dimensions: 430 x 280 x 46 mm
Net Weight : 2.5 kgs
Color : Light silver black

Operating Temperature : -10C to 60C
Non-condensing Humidity: 5% - 95%
Fan Cooling Structure

Physical Property

Dimensions

Environmental

IDEAL FOR



Telecom



Healthcare



Hotels & Enterprises



Offices



Tourist Places



Shopping malls



Transport

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