

W i f i - s o f t

DATASHEET

UniBox U-5000

Network Access and
Bandwidth Controller
ver. 3.0

UniBox is an intelligent access controller or hotspot gateway that provides complete control over your wireless network. UniBox 3.0 allows network administrators centrally manage wired and wireless networks, avoid unauthorized access and track realtime activity on the network.



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W i f i - s o f t

UniBox U-5000

Intelligent Access Controller
for Network Access &
Bandwidth Management
ver. 3.0

D A T A S H E E T

UniBox U-5000

INTELLIGENT ACCESS CONTROLLER FOR NETWORK ACCESS
& BANDWIDTH MANAGEMENT
VER. 3.0



UniBox U-5000

UniBox U-5000 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 a comprehensive reporting and analytics tools for analyzing and tracking network activity of all users. UniBox can be deployed as a standalone appliance or can function with WiFiLAN OSS/BSS.

UniBox U-5000 belongs to the family of UniBox controllers that are specially designed for managing network access in venues like Colleges/Universities, Public Parks, Enterprises, Shopping Malls and Public Wi-Fi hotspots. U-5000 is capable of handling 5000 concurrent user sessions and is built on a reliable Linux platform to provide high availability and performance for large networks.

CAPTIVE PORTAL



EXCLUSIVE FEATURES

Multiple Hotspots

Create multiple hotspots to own and operate wifi at multiple locations simultaneously with one device.



G-Suite Integration

Integrate your Wifi with G-Suite to access all of Google's magic with just one password.

Group Based Content Filtering

Classify bandwidth, filter URL, access control and other features as per user groups.



Automatic Cloud Sync

Sync data automatically or enable automatic updates and increase your productivity.

Virtual PMS

Don't have a Property Management System (PMS)? Don't worry. Deliver the same user experience as a PMS system with your Wifi controller at NO additional cost.



LDAP/ AD Integration

Why use different passwords for Email, Wifi and other login portals? Now, use a single password to access everything you need!

NEW & IMPROVED FEATURES



AP Controller & NMS



Automatic Software Upgrades



Social Media Integration



Better Throughput



Bandwidth Monitoring



VPN Server



Enterprise Configuration Enabled



External DHCP Support



VLAN Enabled



Upgraded GUI



Traffic Analysis



Firewall



Multi-WAN & Load Balancer



Configurable Portal Templates



Branch Networking



Remote Sys Logger

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

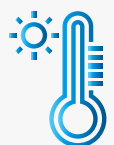
SPECIFICATIONS

Form Factor	Rackmount 1U
Physical Dimensions	430 x 380 x 45 mm
Net Weight	5.53 kg
Operating Temperature	-10 C to 50 C
Non-condensing Humidity	8% - 90%

Physical Property

Dimensions

Environmental





TECHNICAL SPECIFICATIONS

Interface

6 Ethernet ports (RJ-45) – 10/100/1000 base T/Tx
2 * 10000 Base-X SFP Fiber ports
Intel chipset and processor
Console port
2 USB Ports

Networking

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

Miscellaneous Specifications

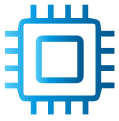
Processor: Intel(R)Core(TM) i5
RAM: 16 GB DDR3-1333
SDD: 120GB
External Storage: 1TB for logs

Power Rating

Power Consumption : 220W
Heat Dissipation : 300 BTU
Input Voltage : 110V - 230V AC

Compliance

CE Emission
FCC Class A, RoHS



IDEAL FOR



Convention Centers



Hotels



Hospital



Universities



Public Venues



Airports



Large Enterprises

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