

W i f i - s o f t

## **DATASHEET**

### **UniBox U-2500**

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 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-2500**

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Bandwidth Controller  
**ver. 3.0**

D A T A S H E E T

# UniBox U-2500

NETWORK ACCESS AND BANDWIDTH CONTROLLER



UniBox U-2500 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-2500 belongs to the family of UniBox controllers that are specially designed for managing network access in large venues like large offices, airports, convention centers, city wide wifi, universities and public parks. U-2500 is capable of handling 2500 concurrent user sessions and is built on a reliable Linux platform to provide high availability and performance for large enterprise 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

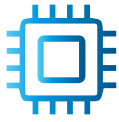
- ▶ Group-based URL Filtering
- ▶ Web Logging & Archiving
- ▶ TRAI/DoT Compliance
- ▶ User Isolation
- ▶ MAC Blacklist

## 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



## TECHNICAL SPECIFICATIONS

### Interfaces

6 Ethernet port (RJ-45) – 10/100/1000 base T/Tx  
2 SFP + 10G ports  
Intel chipset  
Console port  
2 USB ports

### Networking

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

### Users

Supports 2500 concurrent sessions  
Unlimited offline users

### Power Rating

Input Voltage :	110-240V, AC
Power Consumption :	220W
Heat Dissipation :	300 BTU

### Compliance

CE Emission  
FCC Class A, RoHS

Form Factor	1U Rackmount
Physical Dimensions	430 x 380 x 45mm
Net Weight	5.53 Kgs
Color	Light silver, black

Operating Temperature	-10°C to 60°C
Non-condensing Humidity	5% - 95%
Vibrations	0.5g rms/5-500HZ/random
Fan Cooling Structure	Yes

### Physical Property

#### Dimensions

#### Environmental

## IDEAL FOR



Telecom



5 Star Hotels



Healthcare



Universities



convention centers



Airports



Public WiFi

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