



INDIO NETWORKS

## DATASHEET

### UniBox U-500 Network Access and Bandwidth Controller

UniBox is an intelligent access controller combined with comprehensive billing and bandwidth management solution. UniBox allows network administrators centrally manage wired and wireless networks, avoid unauthorized access and track real-time activity on the network.



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## UniBox U-500

Network Access and Bandwidth Controller

UniBox U-500 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 WiOS OSS/BSS.

UniBox U-500 belongs to the UniBox family of controllers that are specially designed for managing network access in large venues like airports, 5-star hotels, schools, universities and public hotzones. U-500 is capable of handling 500 concurrent user sessions and is built on a reliable Linux platform to provide high availability and performance.



## 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



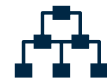
VPN Server



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

### Universal Controller

- ▶ Wireless/Wired LAN Controller
- ▶ Hotspot Controller
- ▶ Firewall
- ▶ Multi-WAN Router
- ▶ Built-in AAA Server
- ▶ DHCP Server

### Networking

- ▶ Gigabit LAN & WAN Ports
- ▶ DNS Server
- ▶ Multi-WAN \*
- ▶ Port Forwarding
- ▶ Group-based Routing
- ▶ Network Monitoring

### Policy Manager

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

### User Management

- ▶ Automated User Provisioning
- ▶ Per-User Rate Limits
- ▶ MAC-based Authentication
- ▶ Approval-based Registrations
- ▶ User Groups

### Hotspot Billing

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

### Captive Portals

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

### Reporting

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

### Compliance

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

### Other

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



## TECHNICAL SPECIFICATIONS

### Interface

6 Ethernet Port (RJ-45) – 10/100/1000 base T/Tx  
2 Optional 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

### Power Rating

User Sessions : 500 user sessions  
Input Voltage : 110-240V AC  
Power Consumption : 10W  
Heat Dissipation : 300 BTU

### Compliance

CE Emission  
FCC Class A, RoHS

### System Performance

Concurrent User Sessions : 500  
Data Throughput : 860 Mbps (auth)  
921 Mbps (noauth)

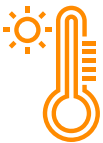
Form Factor: Rackmount -10  
Physical Dimensions: 482 x 680 x 44 mm  
Net Weight: 4 kgs or 8.8 lbs (approx)

Operating Temperature : 5°C to 50°C  
Non-condensing Humidity : 8% - 90%

### Physical Property

#### Dimensions

#### Environmental



## IDEAL FOR



Telecom



Hotels & Enterprises



Healthcare



Universities



Public Places



Airports



Transport

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