

# UniBox U-2500

## Network Access and Bandwidth Controller Datasheet



### Ideal for:



Telecom



Hotels & Resorts



Universities



Healthcare



Public Places



Airport



Transport

### Universal Controller

- 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

**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.**

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 analysing and tracking network activity of all users. UniBox can be deployed as a standalone appliance or can function with WiOS 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 Wi-Fi, 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

### Networking

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

### Hotspot Billing

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

### Compliance

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

### 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

### Other

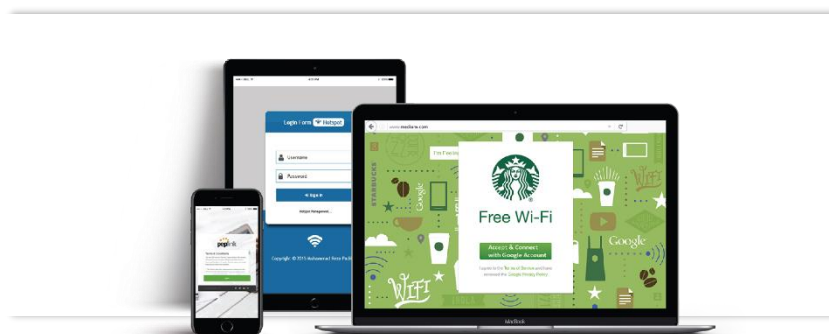
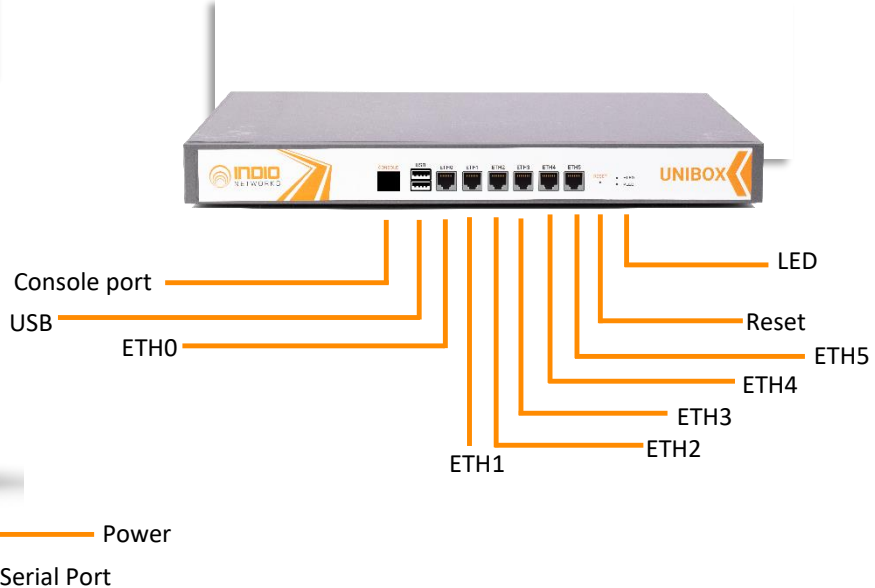
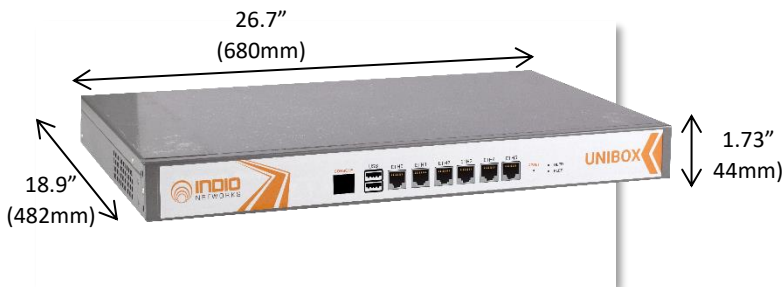
- Remote Syslogs
- Automatic Updates
- Role-based Administration
- Audit Trails
- Diagnostic Tools

### Technical Specifications

|                           |  |
|---------------------------|--|
| <b>Interface</b>          | 6 Ethernet Port (RJ-45) – 10/100/1000 base T/Tx 2 Optional SFP+ 10G ports<br>Intel chipset Console Port 2 USB ports  |
| <b>Networking</b>         | Static & Dynamic routing DNS & DHCP server Layer 2 isolation VLAN Tagging<br>SNMP v2c support NTP (RFC 1305) support |
| <b>Power Rating</b>       | User Sessions: 500 user sessions Input Voltage: 110-240V AC Power Consumption: 10W Heat Dissipation: 300 BTU         |
| <b>Compliance</b>         | CE Emission RoHS   |
| <b>System Performance</b> | Concurrent User Sessions: 500 Data Throughput: 860Mbps (auth) 921 Mbps (no-auth)                                     |

### Physical Property

|                      |  |
|----------------------|--|
| <b>Dimensions</b>    | Form Factor: Rackmount -10<br>Physical Dimensions: 482x680x44mm<br>Net Weight: 4kgs or 8.8lbs (approx) |
| <b>Environmental</b> | Operating Temperature: 5°C to 50°C Non-condensing Humidity: 8% - 90%                                   |



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 Wi-Fi with G-Suite to access all of Google's magic with just one password.

#### Group Based Content Filtering

Create multiple hotspots to own and operate Wi-Fi at multiple locations simultaneously with one device



#### 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 Wi-Fi controller at NO additional cost.



#### LDAP/ AD Integration

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

### New & Improved Features



AP Controller & NMS



Multi-WAN & Load Balancer



Traffic Analysis



VPN Server



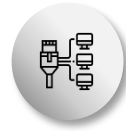
Better Throughput



Automatic Software Updates



Configurable Portal Templates



Virtual LAN



Enterprise Configuration Enabled



Bandwidth Monitoring



Remote Sys Logger



Firewall



Upgraded GUI



External DHCP Support



Social Media Integration



Branch Networking

With over two decades of experience, we have worked closely in the wireless space essentially serving over 25+ million users till date. At Indio, we have seen disruptions in the tech sphere and worked alongside them. We solve problems where we see them, we evolve, innovate and adapt. That's why, we constantly craft newer products and solutions to make your life easier. 'Simplifying connectivity' is a principle we hold dear, and we plan on bringing it to everyone, everywhere. With a strong presence in over three important geographies, being Asia, the Middle East and America, we are always available for quick and responsive customer support.

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