

UniBox U-500

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-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.

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

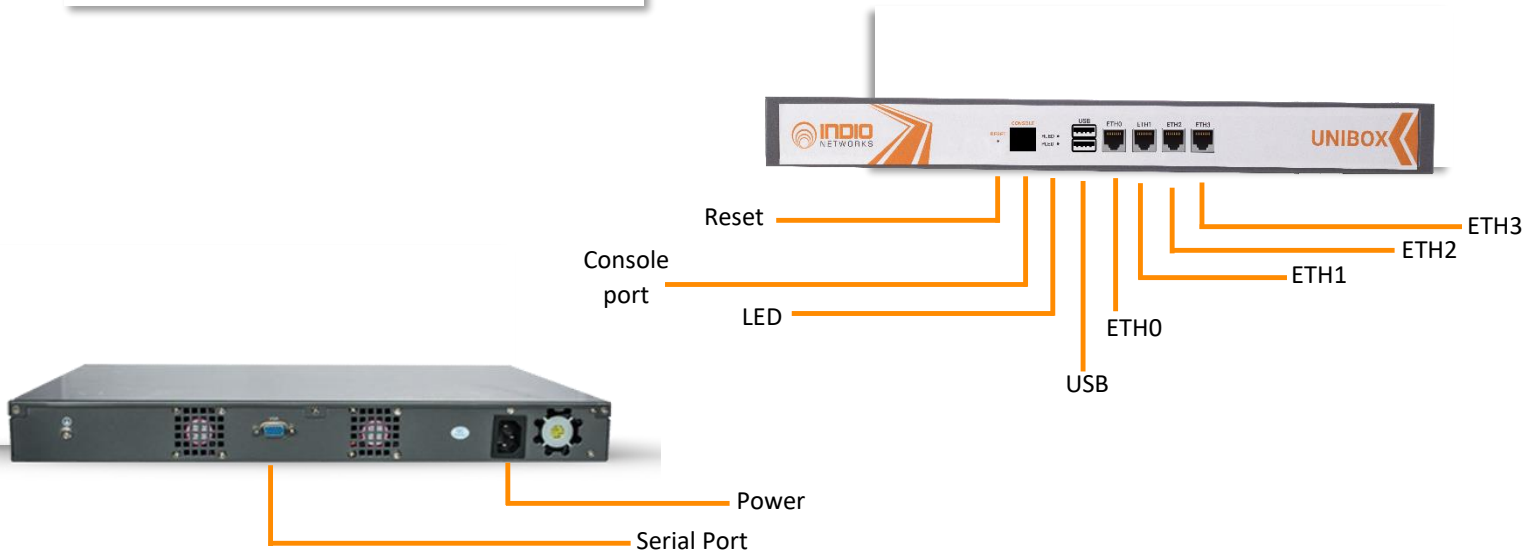
- Remote Syslogs
- Automatic Updates
- Role-based Administration
- Audit Trails
- Diagnostic Tools

Technical Specifications

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	Input Voltage: 110-240V AC Power Consumption: 10W Heat Dissipation: 300 BTU
Compliance	CE Emission RoHS
System Performance	Concurrent User Sessions: 500 Data Throughput: 860Mbps (auth) 921Mbps (no-auth)

Physical Property

Dimensions	Form Factor: Standalone Physical Dimensions: 482x680x44mm Net Weight: 4kgs or 8.8lbs (approx)
Environmental	Operating Temperature: 5°C to 50°C Non-condensing Humidity: 8% - 90% Fanless Design



Captive Portal

Exclusive Features

Multiple Hotspots

Create multiple hotspots to own and operate Wi-Fi 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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