

UniBox U-100

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 or hotspot gateway that provides complete control over your wireless network. UniBox allows network administrators to centrally manage wired and wireless networks, avoid unauthorized access and track real-time activity on the network.

UniBox U-100 comes with a captive portal engine, bandwidth controller, policy manager, URL tracker, reporting system and is designed to work seamlessly with WiOS Cloud hotspot manager. Remote U-100 units can be centrally controlled and tracked using WiOS, allowing administrators to have complete control over their WiFi networks. UniBox U-100 belongs to the family of UniBox controllers that specially designed for managing network access in small venues like cafes, restaurants, small hotels/inns, training institutes, small offices and public WiFi hotspots. U-100 is capable of handling 100 concurrent user sessions and is built on a reliable Linux platform to provide high availability and performance for medium-sized networks.

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

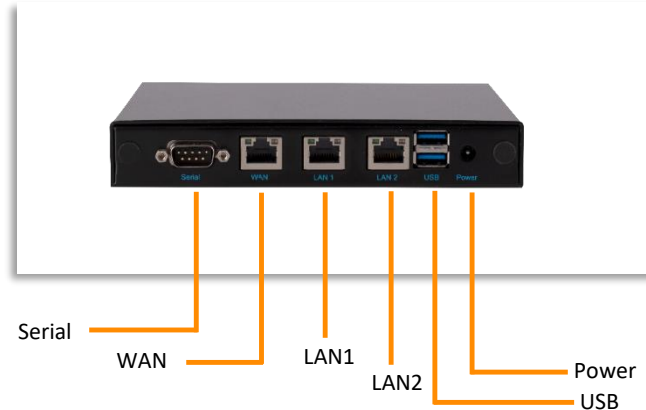
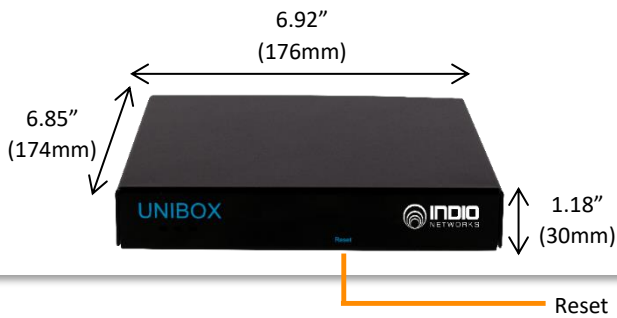
- Remote Syslogs
- Automatic Updates
- Role-based Administration
- Audit Trails
- Diagnostic Tools

Technical Specifications

Interface	1 LAN Port (RJ-45) – 10/100/1000 base T/Tx 1 WAN Port (RJ-45) – 10/100/1000 base T/Tx 1 Service (RJ-45) – 10/100/1000 base T/Tx 2 USB Ports
Networking	Static & Dynamic routing; DNS & DHCP server; Layer 2 isolation; SNMP v2c support; NTP (RFC 1305) support
Power Rating	Input Voltage: 12VDC, 2A Power Consumption: 5W Heat Dissipation: 300 BTU
Compliance	CE Emission FCC Class A, RoHS

Physical Property

Dimensions	Form Factor: Standalone Physical Dimensions: 176x174x30mm Net Weight: 500gms or 1.1lbs
Environmental	Operating Temperature: 5°C to 50°C Non-condensing Humidity: 8% - 90% Fanless Design



Captive Portal

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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