



INDIO NETWORKS

## DATASHEET

### UniBox U-100 Network Access and Bandwidth Controller

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.



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## UniBox U-100

Network Access and Bandwidth Controller

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 Wi-Fi 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 Wi-Fi 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.



## CAPTIVE PORTAL



### 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

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 : 12V DC, 2 A  
Power Consumption : 5W  
Heat Dissipation : 300 BTU

### Compliance

CE Emission  
FCC Class A, RoHS

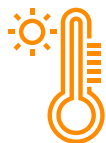
Form Factor: Standalone  
Physical Dimensions: 176 x 174 x 30 mm  
Net Weight: 500 gms or 1.1 lbs

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

### Physical Property

#### Dimensions

#### Environmental



## IDEAL FOR



Telecom



Hotels & Enterprises



Healthcare



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Public Places



Airports



Transport

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