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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 centrally manage wired and wireless network, avoid unauthorized access and track real-time activity on the network.

www.wifi-soft.com | +91 (20) 3018 5577 | sales@wifi-soft.com

UniBox U-100

NETWORK ACCESS AND BANDWIDTH CONTROLLER

UniBox U-100 comes with a captive portal engine, bandwidth control, policy manager, URL tracker, reporting system and is designed to work seamless with WiFiLAN Cloud hotspot manager. Remote U-100 units can be centrally controlled and tracked using WiFiLAN thus allowing administrators to have complete control on their Wi-Fi networks.

UniBox U-100 belongs to a family of UniBox controllers that is 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 reliable Linux platform to provide high availability and performance for medium-sized networks.

CAPTIVE PORTAL

FEATURES

Universal Controller

▸ Wired/Wireless Access Controller
▸ Captive Portal System
▸ Hotspot Billing
▸ Built-in AAA/RADIUS Server
▸ On-board DHCP Server
▸ SQL Database

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

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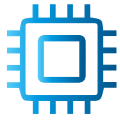
TECHNICAL SPECIFICATIONS

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

Physical Property

Dimensions	Form Factor: Standalone Physical Dimensions: 176 x 174 x 30 mm Net Weight: 500 gms or 1.1 lbs
Environmental	Operating Temperature : 5 C to 50 C Non-condensing Humidity : 8% - 90% Fanless Design

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