

W i f i - s o f t

# DATASHEET

## UniBox U-5000

Network Access and  
Bandwidth Controller

UniBox is an intelligent access controller or hotspot gateway that provides complete control on your wireless network. UniBox allows network administrators to centrally manage wired and wireless networks, avoid unauthorized access and track realtime activity on the network.

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W i f i - s o f t

**UniBox U-5000**  
Intelligent Access Controller  
for Network Access &  
Bandwidth Management

D A T A S H E E T

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# UniBox U-5000

INTELLIGENT ACCESS CONTROLLER FOR NETWORK ACCESS & BANDWIDTH MANAGEMENT



UniBox U-5000 comes with a captive portal engine, bandwidth control, policy manager, URL tracker, billing system, voucher management, URL filtering, reporting and advertisement engine. UniBox can be operated in stand-alone or remote RADIUS mode where it seamlessly interfaces with WiFiLAN Cloud hotspot manager.

UniBox U-5000 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-5000 is capable of handling 5000 concurrent user sessions and is built on reliable Linux platform to provide high availability and performance for small-sized networks.

## CAPTIVE PORTAL



# FEATURES

## Authentication

- ▶ Built-in AAA (RADIUS) server
- ▶ PAP/CHAP/EAP/MSCHAP/TLS/TTLS
- ▶ MAC based Authentication Two-factor (SMS) authentication
- ▶ Wall garden / passthrough URLs
- ▶ Flexible billing options
- ▶ WISPr compliant

## Captive portal

- ▶ Internal & External Captive Portal
- ▶ Credit card and PayPal integration
- ▶ Multiple Login Methods
- ▶ Approval based registration Multiple login methods
- ▶ Responsive UI design

## Administration

- ▶ Web GUI
- ▶ Role based administration
- ▶ Configuration backup
- ▶ Multi-lingual

## Bandwidth Control

- ▶ Upload and download rate limiting
- ▶ Group-based bandwidth control
- ▶ Prioritize packet based on traffic rules
- ▶ Daily quota on users and groups
- ▶ Bandwidth shaping based on user load
- ▶ Port-based traffic prioritization

## Reporting

- ▶ Bandwidth Usage Report
- ▶ Itemized Revenue Reports
- ▶ Online User Statistics
- ▶ Real-time Network Reports
- ▶ User-Agent, OS, Browser Profiling
- ▶ Network Monitoring



## SPECIFICATIONS

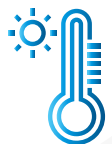
Form Factor	Standalone
Physical Dimensions	482 x 680 x 44 mm
Net Weight	3.2 kg

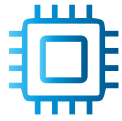
Operating Temperature	5 C to 50 C
Non-condensing Humidity	8% - 90%

## Physical Property

### Dimensions

### Environmental





## TECHNICAL SPECIFICATIONS

### Interfaces

7 LAN Port (RJ-45) – 10/100/1000 base T/Tx  
1 WAN Port (RJ-45) – 10/100/1000 base T/Tx  
Intel chipset and processor  
Console port  
2 USB Ports  
Redundant PSU (optional)

### Networking

Static & Dynamic Routing  
DNS & DHCP Server  
Layer 2 isolation  
VLAN Tagging  
SNMP v2c support  
NTP (RFC 1305) support

### Miscellaneous Specifications

Processor: Intel(R)Core(TM) i7  
RAM: 16GB DDR3-1333  
SDD: 120GB  
External Storage: 1TB for logs

### Power Rating

Dual Power Supply Unit  
Power Consumption : 220W  
Heat Dissipation : 300 BTU  
Input Voltage : 230V AC

### Compliance

CE Emission  
FCC Class A, RoHS

## IDEAL FOR



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Transport