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DATASHEET

UniBox U-5000
Network Access and
Bandwidth Controller
ver. 3.0

UniBox is an intelligent access controller or hotspot gateway that provides complete control of your wireless network. UniBox-3.0 allows network administrators to centrally manage wired and wireless networks, avoid unauthorized access and track realtime activity on the network.

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UniBox U-5000

INTELLIGENT ACCESS CONTROLLER FOR NETWORK ACCESS
& BANDWIDTH MANAGEMENT
VER. 3.0

UniBox U-5000 is equiped with a captive portal engine, bandwidth controller, policy manager, URL tracker, billing system, voucher manage, URL filter, 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 venues like Colleges/Universities, Public Parks, Enterprises, Shopping Malls public Wi-Fi hotspots. U-5000 is capable of handling 5000 concurrent user sessions and is built on the reliable Linux platform to provide high availability and performance for large networks.

UniBox U-5000

CAPTIVE PORTAL

NEW & IMPROVED FEATURES

Upgraded GUI

Better Throughput

AP Controller & NMS

Multiple Hotspots

Enterprise Configuration Enabled

Group-based Content Filtering

Multi-WAN & Load Balancer

Automatic Cloud Sync

Remote Sys Logger

Automatic Software Upgrades

Bandwidth Monitoring

External DHCP Support

Traffic Analysis

Configurable Portal Templates

LDAP/AD Integration

Virtual PMS

Social Media Integration

VPN Server

VLAN Enabled

Firewall

Branch Networking

Authentication

▸ Built-in AAA (RADIUS) server
▸ PAP/CHAP/EAP/MSCHAP/TLS/TTLS
▸ MAC based 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
▸ 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 Reports
▸ Itemized Revenue Reports
▸ Online User Statistics
▸ Real-time Network Reports
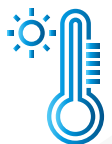▸ User-Agent, OS, Browser Profiling
▸ Network Monitoring

UniBox U-5000

SPECIFICATIONS

Form Factor	Standalone	**Physical Property**
Physical Dimensions	430 x 380 x 45 mm	**Dimensions**
Net Weight	5.53 kg	
Operating Temperature	-10 C to 50 C	**Environmental**
Non-condensing Humidity	8% - 90%	

TECHNICAL SPECIFICATIONS

|	
Interfaces	6 Ethernet Ports (RJ-45) – 10/100/1000 base T/Tx 2 * 10000 Base-X SFP Fiber Ports Intel chipset and processor Console port 2 USB Ports
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) i5 RAM: 16 GB DDR3-1333 SDD: 120GB External Storage: 1TB for logs
Power Rating	Dual Power Supply Unit Power Consumption : 220W Heat Dissipation : 300 BTU Input Voltage : 110V - 230V AC
Compliance	CE Emission FCC Class A, RoHS
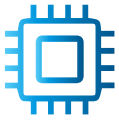
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