Wifi-soft
Helping unwire the World

W i f i - s o f t

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. UniBox3.0 allows network administrators centrally manage wired and wireless network, avoid unauthorized access and track realtime activity on the network.

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

W i f i - s o f t

UniBox U-5000
Intelligent Access Controller
for Network Access &
Bandwidth Management
ver. 3.0
D A T A S H E E T

1

UniBox U-5000

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

UniBox U-5000 is an all-in-one controller appliance that combines the functions of a wireless LAN controller, hotspot gateway, AAA server, web server, load balancer, web logger, VPN server, policy server and firewall in a single box. It also comes with comprehensive reporting and analytics tools for analyzing and tracking network activity of all users. UniBox can be deployed as a standalone appliance or can function with WiFiLAN OSS/BSS.

UniBox U-5000

UniBox U-5000 belongs to the family of UniBox controllers that are specially designed for managing network access in venues like Colleges/Universities, Public Parks, Enterprises, Shopping Malls and Public Wi-Fi hotspots. U-5000 is capable of handling 5000 concurrent user sessions and is built on a reliable Linux platform to provide high availability and performance for large networks.

CAPTIVE PORTAL

NEW & IMPROVED FEATURES

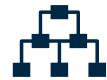|		
Upgraded GUI	Automatic Cloud Sync	LDAP/AD Integration
Better Throughput	Remote Sys Logger	Virtual PMS
AP Controller & NMS	Automatic Software Upgrades	Social Media Integration
Multiple Hotspots	Bandwidth Monitoring	VPN Server
Enterprise Configuration Enabled	External DHCP Support	VLAN Enabled
Group-based Content Filtering	Traffic Analysis	Firewall
Multi-WAN & Load Balancer	Configurable Portal Templates	Branch Networking

UniBox U-5000

FEATURES

Universal Controller

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

Networking

- Multiple LAN Subnets
- VLAN Support
- WAN Load Balancing & Failover
- VPN Server
- Branch Networking
- Group-based Routing
- Network Monitoring

User Management

- Automated User Provisioning
- Per-User Rate Limits
- MAC-based Authentication
- Approval-based Registrations
- User Groups
- LDAP/AD/GSuite Integration

Policy Manager

- Bandwidth Rate Limiting
- Time and Data Quota Limits
- Dynamic Bandwidth Allocation
- Group-based Policies
- Fair Usage Policy
- Date/Time Policies

Reporting

- Online Users
- Usage Reports
- Social Media Profiling
- Revenue Reports
- PMS & Voucher Reports
- Network Monitoring Reports
- Automated Reporting

Hotspot Billing

- Billing Plans
- Payment Gateway Integration
- Access Codes / Vouchers
- Integration with Multiple PMS Vendors
- Tiered Billing
- Automated Emails

AP Controller

- Management Dashboard
- AP Provisioning
- Central AP Configuration
- Auto-discovery
- Heatmaps
- Traffic Analysis

Captive Portals

- Template-based Captive Portals
- Multiple Login Methods
- On-based Portal Server
- Two-Factor (SMS/OTP) Logins
- Social Media Login

Compliance

- Group-based URL Filtering
- Web Logging & Archiving
- TRAI/DoT Compliance
- User Isolation
- MAC Blacklist

WiFi Advertisement

- Portal Page Advertisement
- Multimedia Content
- Targeted Advertisement
- Pre-login and Interstitial Ads
- Advertisement Reports

Other

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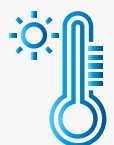- Role-based Administration
- Audit Trails
- Diagnostic Tools

SPECIFICATIONS

Physical Property		
Form Factor	Rackmount 1U	
Physical Dimensions	430 x 380 x 45 mm	
Net Weight	5.53 kg	

Dimensions

Operating Temperature	-10 C to 50 C	
Non-condensing Humidity	8% - 90%	

Environmental

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	Power Consumption : 220W Heat Dissipation : 300 BTU Input Voltage : 110V - 230V AC
Compliance	CE Emission FCC Class A, RoHS
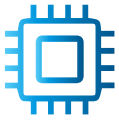
IDEAL FOR

convention centers   Hotels   Hospital

Universities   Public Venues   Airports   Large Enterprises

Wifi-soft
Helping unwire the World
www.wifi-soft.com