INDIO NETWORKS

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DATASHEET

UniBox U-5000
Network Access and Bandwidth Controller

UniBox is an intelligent access controller or hotspot gateway that provides complete control over your wireless network. UniBox 3.1 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. 3.1

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 a 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 WiOS OSS/BSS.

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 expandable upto 25000 is built on a reliable Linux platform to provide high availability and performance for large networks. It can manage 2000 access points

CAPTIVE PORTAL

Exclusive Features

Multiple Hotspots
Create multiple hotspots to own and operate wifi at multiple locations simultaneously with one device.

G-Suite Integration
Integrate your Wifi with G-Suite to access all of Google's magic with just one password.

Group Based Content Filtering
Classify bandwidth, filter URL, access control and other features as per user groups.

Automatic Cloud Sync
Sync data automatically or enable automatic updates and increase your productivity.

Virtual PMS
Don't have a Property Management System (PMS)? Don't worry. Deliver the same user experience as a PMS system with your Wifi controller at NO additional cost.

LDAP/ AD Integration
Why use different passwords for Email, Wifi and other login portals? Now, use a single password to access everything you need!

New & Improved Features

- AP Controller & NMS
- Automatic Software Upgrades
- Social Media Integration
- Better Throughput
- Bandwidth Monitoring
- VPN Server
- Enterprise Configuration Enabled
- External DHCP Support
- VLAN Enabled
- Upgraded GUI
- Traffic Analysis
- Firewall
- Multi-WAN & Load Balancer
- Configurable Portal Templates
- Branch Networking
- Remote Sys Logger

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

SPECIFICATIONS

Physical Property

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

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

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TECHNICAL SPECIFICATIONS

|	
Interface	6 Ethernet Port (RJ-45) – 10/100/1000 base T/Tx 2 * 10000 Base-X SFP Fiber ports Intel chipset, GUI Console Port 2 USB ports
Networking	Static & Dynamic routing, DNS & DHCP server Layer 2 isolation VLAN Tagging SNMP v2c support NTP (RFC 1305) support Frequency support: 2.4 & 5 GHz WLAN support: 200+
Miscellaneous Specifications	Processor : Intel(R) Core(TM)i5 RAM : 16 GB DDR3-1333 SDD : 120GB External Staorage : 1TB for logs
Power Rating	Input Voltage : 110V - 230V AC Power Consumption : 220W Heat Dissipation : 300 BTU
Compliance	CE Emission FCC Class A, RoHS
Supported Encryption	WEP, WPA-PSK, WPA- TKIP, 802.11i, EAP- TLS, 802.11, WPA AES, WPA2 AES
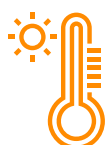
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Universities **Public Places** **Airports** **Transport**

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