



INDIO NETWORKS

DATASHEET

UniBox U-2500 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 to centrally manage wired and wireless networks, avoid unauthorized access and track realtime activity on the network.



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UniBox U-2500

Network Access and Bandwidth Controller



UniBox U-2500 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-2500 belongs to the family of UniBox controllers that are specially designed for managing network access in large venues like large offices, airports, convention centers, city wide wifi, universities and public parks. U-2500 is capable of handling 2500 concurrent user sessions and is built on a reliable Linux platform to provide high availability and performance for large enterprise networks.

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



TECHNICAL SPECIFICATIONS

Interface

6 Ethernet Port (RJ-45) – 10/100/1000 base T/Tx
2 SFP+ 10G ports
Intel chipset
Console Port
2 USB ports

Networking

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

Users

Supports : 2500 user sessions
Unlimited offline users

Power Rating

Input Voltage : 110-240V,AC
Power Consumption : 220W
Heat Dissipation : 300 BTU

Compliance

CE Emission
FCC Class A, RoHS

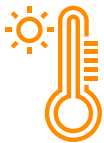
Form Factor: 1 Rackmount
Physical Dimensions: 430 x 380 x 45 mm
Net Weight: 5.53 kgs
Color : Light silver, black

Operating Temperature : -10°C to 60°C
Non-condensing Humidity : 5% - 95%
Vibrations : 0.5g rms/5-500HZ/random
Fan Cooling Structure : Yes

Physical Property

Dimensions

Environmental



IDEAL FOR



Telecom



Hotels & Enterprises



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Transport

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