

USR5453, USR805453

PROFESSIONAL ACCESS POINT

WIRELESS NETWORKING

The USRobotics Professional Access Point delivers a powerful array of features designed to provide flexible, managed 802.11g/802.11b connectivity for small/medium businesses. The management interface has been designed to allow customers to manage an entire cluster of access points (APs) directly, or with integrated SNMP functionality, by using a standards based network management system. Additionally, features like Multi-SSID/Multi-BSSID make this an ideal AP for HotSpot providers or for businesses looking for secure and segregated wireless connections for employees and guests.

USRobotics®

Powerful. Managed. High-performance wireless networking for business



Business-class Management and Monitoring

- Easily managed with web interface, Telnet (with SSH) or through third-party SNMP capable management software
- Network health monitoring including: Status, throughput, security, RF interference, connected clients and more
- Visual diagnostic LEDs for speed and activity
- QoS support for prioritizing bandwidth for delay-sensitive applications (eg. VoIP)

Powerful Security

- Secure your network from hackers with a complete array of security capabilities:
 - WiFi Protect Access 2 (WPA2)/802.11i, WPA and 64/128-bit WEP encryption
 - Support for IPSec, PPTP and L2TP VPN passthrough
 - SSID disable and neighbor AP Detection
 - Mini-Radius (100 users) and redirection to multiple Radius servers (i.e. 802.1x)

Easy Installation and Management

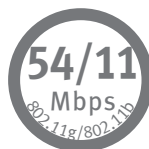
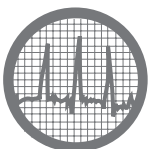
- Simple 1-2-3 configuration will have you up and running in minutes
- Clustering functionality makes adding additional APs to your network “plug-and-play” – security profiles are securely downloaded into each new AP automatically
- Dynamic Channel Planning and Auto Channel Selection simplifies initial channel assignments and assure APs maintain optimal channel configuration
- Load Balancing shares the connectivity load evenly across multiple APs

Excellent Compatibility

- Complete compatibility with standard 802.11b, 802.11g and accelerated wireless technologies

Superior Flexibility

- Easily provide high-speed wireless connections between two Local Areal Networks (LANs) with LAN-to-LAN bridging, to share network resources and provide client connectivity
- Extend your wireless network without the need for running additional Ethernet cabling
- Can be wall mounted for convenient placement





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SPECIFICATIONS & STANDARDS

WIRELESS

- 802.11g, 802.11b and frame bursting acceleration
- Multi-SSID/Multi-BSSID (4 Beacons)
- Variable Power
- Meets ETSI 100mW Output restriction
- Dynamic Channel Planning
- Auto Channel Selection
- Load Balancing
- Repeater Mode (WDS)
- Bridging/Multi-bridging (WDS)
- 802.11d for enhanced global roaming capability
- 802.11e Quality of Service (QoS) support
- Multicast support

SECURITY FEATURES

- Wi-Fi Protected Access 2 (WPA2)/802.11i
- Wi-Fi Protected Access, TKIP
- AES Encryption
- 64/128-bit Wired Equivalent Privacy (WEP) encryption
- 802.1x authentication
- SSID Disable
- VPN Passthrough: IPSec, L2TP & PPTP
- MAC Address Filtering
- Neighbor AP Detection
- VLAN tagging - pass through and association with BSSID
- Mini-radius (100 user embedded authentication: EAP, PEAP)
- HTTP Redirection for guest/login

MANAGEMENT AND MONITORING

- **SNMP:** MIB1, MIB II, Bridge MIB, 802.11 MIB, Client Radio Stats, Firmware upgrade, Reset, RF Channel Management (read only)
- **Monitoring:** AP - Location, Status, Firmware and configuration, Throughput, Security; System Log Capture, RF Interference, Clients
- AP Clustering, single view of Cluster (HTTP)
- Import/Export of AP configuration and LAS files

PHYSICAL

- Two 5 dBi swivel dipole removable antennas with reverse polarity SMA connector
- One RJ-45, 10/100 auto-sensing/auto-switching Ethernet LAN port
- Wall mounting holes on bottom of case

OPERATING CHANNELS

- 11 channels for North America
- 13 channels for ETSI

FREQUENCY BAND

- 2400 ~ 2462 MHz for North America
- 2400 ~ 2483.5 MHz for ETSI

REGULATORY

- EMI - FCC Class B
- Safety - UL, CUL
- EMI & Safety - CE Class B

ENVIRONMENTAL

Temperature: Operating Temperature conditions: 0 to 50 degrees C, Non-Operating Temperature conditions: -20 to 70 degrees C

Humidity: Operating Humidity conditions: 20% to 80% non-condensing, Non-Operating Humidity conditions: 5% to 95% non-condensing

PACKAGE DIMENSIONS/WEIGHT

- 12.65 x 7.24 x 3.37 in. (32.15 x 18.4 x 8.58 cm)
- 2.16 lb (0.98kg)

PRODUCT DIMENSIONS/WEIGHT

- 4.3 x 7.1 x 1.7 in. (10.9 x 18 x 4.3 cm)
- 0.61 lb (0.27 kg)

LANGUAGE SUPPORT

- **Retail box:** English, French, German, Spanish, Italian, Dutch
- **Installation guide:** English, French, German, Spanish, Italian, Dutch
- **CD ROM User Guide:** English, French, German, Spanish, Italian, Dutch, Portuguese, Arabic, Czech, Polish, Russian, Hungarian, Turkish, Greek

MINIMUM SYSTEMS REQUIREMENTS

- HTML configuration is supported by any computer that supports TCP/IP and Web Browser (4.01 specification or greater)

PACKAGE CONTENTS

- USRobotics Professional Access Point
- Ethernet Cable
- Power Adapter
- Quick Installation Guide
- Installation CD-ROM with User Manual
- Two 5 dBi Swivel Antennas

WARRANTY

- 2-year limited manufacturer warranty from date of purchase

USRobotics®

IC Approved
Approuv  par IC

