



**NetNearU
RAP-1**

Wireless Made Easy

Revision 1.1

Federal Communication Commission Interference Statement

WARNING: This equipment has been tested and found to comply with the limits for a class A digital device pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction's manual, may cause interference to radio communications. Operation of this equipment in a residential area is likely to cause interference in which case the user will be required to correct the interference at his own expense.

The user is cautioned that changes and modifications made to the equipment without the approval of manufacturer could void the user's authority to operate this equipment.

Responsible Party: NetNearU
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Warning to ALL users:

In order to comply with the FCC RF exposure limits, it is recommended, that the device's antennas should not be positioned closer than 20cm from your body or nearby persons for extended period of time while it is transmitting (or operating).

Quick Start Guide

Your wireless/remote access points will include the following hardware. Make sure you have everything you need before proceeding.

1. RAPI device itself
2. AC to 5 Volt DC switching mode power supply
3. RJ45 Ethernet cable



Figure 1

1. Gently rotate the antennas such that they are pointing upward and form a "V" shape.
2. Connect the supplied power supply to the wall, and the power port to the unit itself. (figure1 #3)
3. Connect one end of the supplied network cable to the Internet connection device or port, and the other to the 10BaseT WAN port on the wireless device. (figure1 #1)

****NOTE:** DHCP service must be running on the network in order for the unit to operate in default mode. If this device is to be installed in a fixed IP address environment, please call NetNearU Customer Service at 888-412-8324 for configuration assistance.

4. Flip the power switch to the "on" position to start unit. The unit takes about 90 seconds to initialize before ready for usage. (figure1 #2)

Technical Specification

Processor: System on Chip Embedded Processor, Pentium Class running at 100MHz

Memory: 64MB of SDRAM as main memory, 16MB of Flash as system storage device

Wireless Standards: IEEE 802.11b

Frequency Band: 2.400GHz to 2.4835GHz (depending on local regulation)

Transmission Method: DSSS (Direct Sequence Spread Spectrum)

Data Rate: 11Mbps, 5.5Mbps, 2Mbps, 1Mbps

Modulation: 11Mbps and 5.5Mbps CCK; 2Mbps: DQPSK; 1Mbps: DBPSK

Output Power: TYP. +14dBm

Operating Range: 100 feet to 300 feet indoor

WAN Port Input: 10-Base-T Ethernet (IEEE 802.3), with DHCP or Fixed IP Addressing

LAN Output: (Future Option) to connect additional Wireless Access Point.

Operating Temperature: 0 to 45 degrees Celsius, 0-90% Relative Humidity, Non-Condensing

Unit Weight: 2.3 lbs (with 5V DC power adaptor)

Power Requirement: UL approved 5V DC power source as provided, 120V AC Input

Due to continuous improvement, specification is subject to change without notice.