



**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  
2908 Finefeather Road  
Bryan, TX 77801  
Telephone No. – (979) 775-3405  
Fax No. – (979) 775-4393

### **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. RAP1 device itself
2. AC to 5 Volt DC switching mode power supply
3. RJ45 Ethernet cable

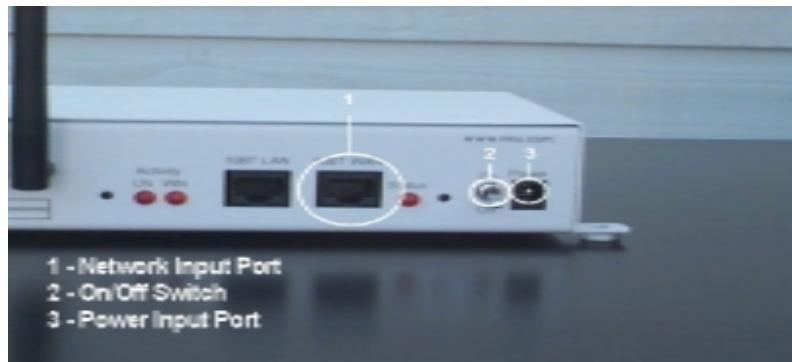


Figure 1

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.