



**airRouter**  
802.11n Wireless Router

QUICK START GUIDE



## Package Contents



AirRouter



Power Adapter



Ethernet Cable



Quick Start Guide

## System Requirements

- Microsoft Windows XP, Windows Vista, Windows 7, Linux, or Mac OS X
- Java Runtime Environment 1.6 (or above) for the *AirView* utility
- Web Browser: Mozilla Firefox, Apple Safari, or Microsoft Internet Explorer

## Hardware Installation

To install the AirRouter, perform the following steps:

1. Connect the power adapter to the port labeled **Power** on the AirRouter. Connect the other end to of the power adapter to a power outlet.



2. Connect an Ethernet cable to Ethernet port 1.



3. Connect the other end of the Ethernet cable to your computer.

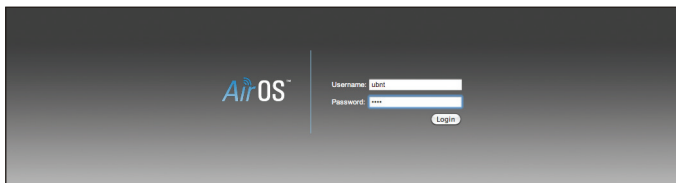


4. Launch your Web browser and type **http://192.168.1.1** in the address field and press enter (PC) or return (Mac).



**Note:** Your computer needs to be on the 192.168.1.x subnet. If you have DHCP enabled on your Ethernet adapter, it should receive an address automatically. If not, you will need to set a static IP address in the 192.168.1.2 - 192.168.1.254 range.

5. The login screen will appear. Enter **ubnt** in the *Username* and *Password* fields and click **Login**.



6. The AirOS interface will appear. Go to the **Wireless** tab.

Wireless tab

The screenshot shows the AirOS web interface. At the top, there is a navigation menu with tabs: MAIN, WIRELESS (selected), NETWORK, ADVANCED, SERVICES, and SYSTEM. The 'Wireless' tab is highlighted with a blue line and the label 'Wireless tab' above it. The main content area is divided into two sections: 'Status' and 'Monitor'. The 'Status' section displays various device and network parameters, including Device Name (Ubiquiti), Network Mode (SOHO Router), SSID (www.abrt.com), Security (none), Version (v5.2), Uptime (00:01:06), Date (2010-05-19 17:52:04), Channel Frequency (7 / 2442 MHz), Channel Width (20 MHz), ACK Distance (31 / 0.4 miles (0.6 km)), TX/RX Chans (1x1), WLAN MAC, LAN MAC, WAN MAC, and WAN/LAN status. The 'Monitor' section contains two graphs: 'LAN' and 'WAN'. The LAN graph shows RX at 7.14 kbps and TX at 11.14 kbps. The WAN graph shows RX at 0 kbps and TX at 0 kbps. A 'Refresh' button is located at the bottom right of the monitor section. The footer of the interface reads '© Copyright 2006-2010 Ubiquiti Networks, Inc.'

7. Customize your wireless network and secure your network by entering the basic wireless network information:

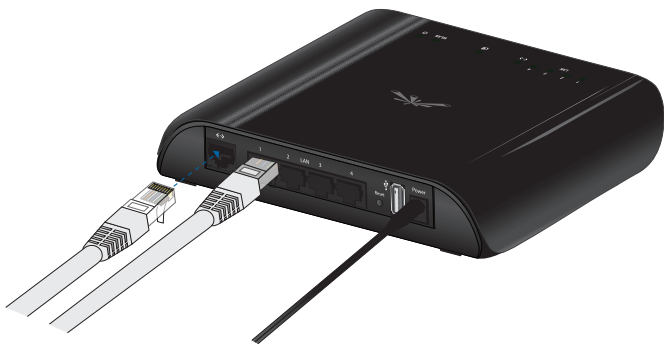
The screenshot shows the 'Basic Wireless Settings' configuration page in the AirOS interface. The navigation menu at the top is the same as in the previous screenshot, with 'WIRELESS' selected. The 'Basic Wireless Settings' section includes the following fields and options: Wireless Mode (Access Point), SSID (www.abrt.com), Country Code (United States), IEEE 802.11 Mode (B/G/N mixed), Channel Width (20 MHz), Channel Shifting (Disabled), Frequency (2412 MHz), Extension Channel (None), Output Power (18 dBm), and Max TX Rate (MCS 7 - 65 Mbps). The 'Obey Regulatory Rules' and 'Automatic' checkboxes are checked. Below this section is the 'Wireless Security' section, which includes Security (none) and MAC ACL (Enabled) options. A 'Change' button is located at the bottom right of the configuration area. The footer of the interface reads '© Copyright 2006-2010 Ubiquiti Networks, Inc.'

- a. Enter a name for your wireless network in the *SSID* field.
- b. Select the type of security that you want to use for your wireless network from the *Security* drop-down.



**Note:** WPA2-AES security is the strongest wireless security method. If all of your devices support this option, it is recommended that you select it.

- c. Enter a passphrase in the **WPA Preshared Key** field. You can click the *Show* option to see the characters that you are typing.
  - d. Click **Change**. You will be prompted to apply the changes. To proceed, click **Apply**.
8. If necessary, disconnect the power and Ethernet cables to move the router so that you can connect it to your Internet connection.
  9. Connect an Ethernet cable from your broadband modem or other Internet connection to the port labeled <...> on the back of the AirRouter.





Congratulations! Basic router installation is complete. The next page provides information for connecting wireless clients.

For additional information on configuring and using the AirRouter, refer to the User Guide on our website at:



**[www.ubnt.com/airrouter](http://www.ubnt.com/airrouter)**

## Connecting a Wireless Client to the AirRouter

### Windows

1. Go to *Connect to Network*.
  - **Windows 7** Right-click on the *Network*  icon.
  - **Windows Vista** Go to **Start > Connect To**.
  - **Windows XP** Right-click the *Wireless Network*  icon in the *System Tray* (lower right corner of the screen) and then click **View Available Wireless Networks**.
2. Select the wireless network (SSID) that you entered in the *SSID* field in step 7a and then click **Connect**.
3. Type the passphrase that you entered in the *WPA Preshared Key* field in step 7c and click **OK** or **Connect**.
4. Launch your web browser to begin browsing the web.

### Mac

1. Click the *AirPort*  icon in the menu bar (top left side of the screen).
2. Select the wireless network (SSID) that you entered in the *SSID* field in step 7a.
3. Type the passphrase that you entered in the *WPA Preshared Key* field in step 7c and click **OK**.
4. Once connected the *AirPort*  icon will change from gray to solid black. The number of black lines indicates the signal strength. Launch your web browser to begin browsing the web.



## Declaration of Conformity

|                       |  |
|-----------------------|--|
| Česky<br>[Czech]      | UBIQUITI NETWORKS tímto prohlašuje, a tento UBIQUITI NETWORKS device, je ve shodě se základními požadavky a dále s ostatními ustanoveními směrnice 1999/5/ES.  |
| Dansk<br>[Danish]     | Undertegnede UBIQUITI NETWORKS erklærer herved, at følgende udstyr UBIQUITI NETWORKS device, overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.  |
| Nederlands<br>[Dutch] | Hierbij verklaart UBIQUITI NETWORKS dat het toestel UBIQUITI NETWORKS device, in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.<br>Bij deze verklaart UBIQUITI NETWORKS dat deze UBIQUITI NETWORKS device, voldoet aan de essentiële eisen en aan de overige relevante bepalingen van Richtlijn 1999/5/EC.  |
| English               | Hereby, UBIQUITI NETWORKS, declares that this UBIQUITI NETWORKS device, is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.   |
| Eesti<br>[Estonian]   | Käesolevaga kinnitab UBIQUITI NETWORKS seadme UBIQUITI NETWORKS device, vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.  |
| Suomi<br>[Finnish]    | UBIQUITI NETWORKS vakuuttaa täten että UBIQUITI NETWORKS device, tyypinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.  |
| Français<br>[French]  | Par la présente UBIQUITI NETWORKS déclare que l'appareil UBIQUITI NETWORKS device est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.<br>Par la présente, UBIQUITI NETWORKS déclare que ce UBIQUITI NETWORKS device, est conforme aux exigences essentielles et aux autres dispositions de la directive 1999/5/CE qui lui sont applicables.                                  |
| Deutsch<br>[German]   | Hiermit erklärt UBIQUITI NETWORKS, dass sich diese UBIQUITI NETWORKS device, in Übereinstimmung mit den grundlegenden Anforderungen und den anderen relevanten Vorschriften der Richtlinie 1999/5/EG befindet". (BMWi)<br>Hiermit erklärt UBIQUITI NETWORKS die Übereinstimmung des Gerätes UBIQUITI NETWORKS device, mit den grundlegenden Anforderungen und den anderen relevanten Festlegungen der Richtlinie 1999/5/EG. (Wien) |
| Ελληνική<br>[Greek]   | ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ UBIQUITI NETWORKS ΔΗΛΩΝΕΙ ΟΤΙ UBIQUITI NETWORKS device, ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ.  |
| Magyar<br>[Hungarian] | Alulírott, UBIQUITI NETWORKS nyilatkozom, hogy a UBIQUITI NETWORKS device, megfelel a vonatkozó alapvető követelményeknek és az 1999/5/EC irányelv egyéb előírásainak.   |

|                             |   |
|-----------------------------|---|
| Íslenska<br>[Icelandic]     | Hér me l sír UBIQUITI NETWORKS yfir ví a UBIQUITI NETWORKS device, er í samræmi við grunnkröfur og a rar kröfur, sem ger ar eru í tilskipun 1999/5/EC.  |
| Italiano<br>[Italian]       | Con la presente UBIQUITI NETWORKS dichiara che questo UBIQUITI NETWORKS device, è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.                 |
| Latviski<br>[Latvian]       | Ar o UBIQUITI NETWORKS deklar , ka UBIQUITI NETWORKS device, atbilst Direkt vās 1999/5/EK b tiskaj m pras b m un citiem ar to saist tajiem noteikumiem.   |
| Lietuviškai<br>[Lithuanian] | UBIQUITI NETWORKS deklaruoja, kad šis UBIQUITI NETWORKS įrenginys atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.   |
| Malti<br>[Maltese]          | Hawnhekk, UBIQUITI NETWORKS, jiddikjara li dan UBIQUITI NETWORKS device, jikkonforma mal- ti ijiet essenzjali u ma provvedimenti o rajn relevanti li hemm fid-Dirrettiva 1999/5/EC.                           |
| Norsk<br>[Norwegian]        | UBIQUITI NETWORKS erklærer herved at utstyret UBIQUITI NETWORKS device, er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF.   |
| Slovensky<br>[Slovak]       | UBIQUITI NETWORKS t mto vyhlasuje, e UBIQUITI NETWORKS device, sp a základné po iadavky a v etky príslu né ustanovenia Smernice 1999/5/ES.  |
| Svenska<br>[Swedish]        | Härmed intygar UBIQUITI NETWORKS att denna UBIQUITI NETWORKS device, står i överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.             |
| Español<br>[Spanish]        | Por medio de la presente UBIQUITI NETWORKS declara que el UBIQUITI NETWORKS device, cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE. |
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| Português<br>[Portuguese]   | UBIQUITI NETWORKS declara que este UBIQUITI NETWORKS device, está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.  |



## Ubiquiti Networks Support

Email: **support@ubnt.com**

Phone (9 a.m. - 5 p.m. PST): **408-942-1153**

Skype: **Ubiquiti\_Support**

## Online Resources

Wiki Page: **www.ubnt.com/wiki**

Support Forum: **www.ubnt.com/forum**

Knowledge Base: **www.ubnt.com/kb**

Downloads: **www.ubnt.com/support/downloads**

