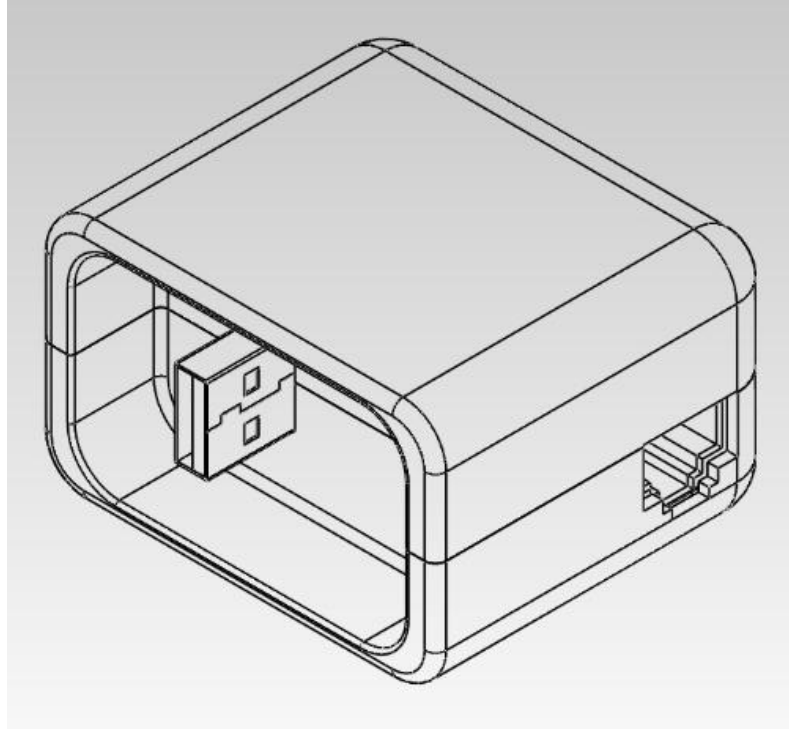


# **ComWi (DW06)**

## **Quick Guide**



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## Chapter 1: Introduction

### 1.1 Introduction

Thank you for purchasing the ComWi for your iPad accessory.

The ComWi Wi-Fi travel router is designed for use with tablets, smart phones, and handheld electronic wireless devices. The ComWi can be powered by power adapter of iPad, can conveniently connect to the internet and share the connection around an average sized room at 150Mbps. The device's tiny size makes it ideal for use on the road and is powerful enough to satisfy almost any basic wireless application requirement. Please refer to the following main feature for ComWi.

- Special design for iPad users to create Wi-Fi hotspot at hotel
- Supports power over iPad's power adapter
- Easy to get multiple devices online simultaneously
- Compact size convenient for travel
- Supports one USB port for power charging
- Wireless speed up to 150Mbps
- Up to 3 times faster than existing 802.11b/g product
- Supports five kinds of operations mode for Router / AP

## 1.2 Hardware Features

Standard	IEEE 802.11b/g/n standards compliant
Wireless LAN	1T1R Mode (150Mbps)
Antenna	Internal PIFA 2 dBi antenna
<b>Interface</b>	<ul style="list-style-type: none"><li>• <b>USB Type-A Plug for iPad Power Adapter</b></li><li>• <b>USB Type-A Receptacle for iPad Charger</b></li><li>• RJ45 (WAN Port)</li><li>• Reset (3Sec) button</li></ul>
Frequency Range	2.250 ~ 2.4835 GHz (subject to local regulations)
Number of Selectable Channels	802.11n 20MHz/25MHz 802.11b/g USA, Canada (FCC): 11 channels (2.412GHz ~2.462GHz) Europe (CE): 13 channels (2.41GHz~2.472GHz) Japan (TELEC): 13channels (2.41GHz~2.472GHz)
Data Rate	802.11n: up to 150Mbps 802.11g: 6,9,12,18,24,36,48,54Mbps 802.11b: 1,2,5.5,11Mbps
<b>Coverage Area</b>	<b>Up to 3 times faster than existing 802.11b/g product</b>
<b>LED</b>	<b>Power LED (Green) / Wi-Fi LED (Red)</b>

### 1.3 Software Features

<b>WAN</b>	<ul style="list-style-type: none"><li>• DHCP Client</li><li>• Static IP</li><li>• <b>PPPoE (for ADSL...)</b></li><li>• PPTP</li><li>• L2TP</li></ul>
Networking	<ul style="list-style-type: none"><li>• DHCP Client/Server</li><li>• Dynamic DNS</li></ul>
<b>Wi-Fi</b>	<ul style="list-style-type: none"><li>• 1 Transmit and 1 Receive paths (1T1R)</li><li>• 20MHz/25MHz bandwidth</li><li>• <b>Support different SSID</b></li><li>• Support Hidden SSID</li><li>• Support WPS</li><li>• Support WDS / WiFi Repeater Mode</li><li>• <b>High security supported: WEP64/128, WPA, WPA2 AES, WPA2 Mixed</b></li><li>• Support QoS</li></ul>

### 1.4 Package Contents

The package contains the following items

- 1 x ComWi
- 1 x Quick Guide

## Chapter 2: Hardware Installation

### 2.1 How to install Network function

After you unpack the box, please make sure all the components are completed.

**Follow the below steps to setup the ComWi:**

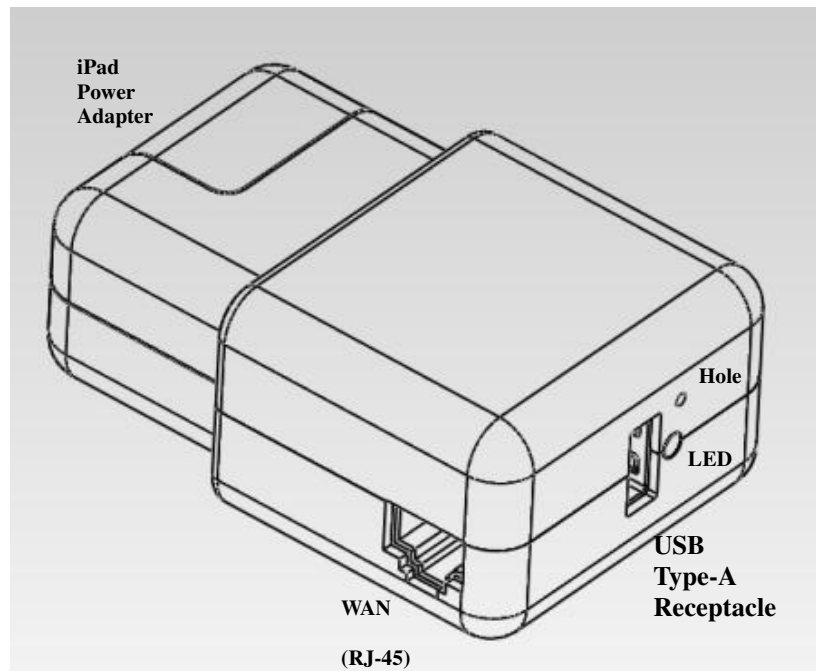
1. Connect USB Type-A Plug to iPad Power Adapter.
2. Connect the Ethernet cable to the ComWi WAN port
3. Connect the other end of the Ethernet cable to the ADSL

### 2.2 How to start iPad charger function

**Follow the below steps to enable iPad Charger function:**

1. Connect the 30-pin connector of Apple cable to your iPad device.
2. Connect the other end (USB Type-A Plug) of Apple cable to ComWi (USB Type-A Receptacle).

### 2.3 Interface & LED Indicators Description

**1. PWR LED (Green):**

Indicates ComWi is Power On for Wi-Fi mode.

**2. Wi-Fi LED (Red):**

Indicates the Wireless LAN is keeping in working stage.

**3. Reset (3Sec) button under the Hole:**

First, please make sure you had powered on the Wi-Reader and Wi-Fi LED (Red) is keeping in working stage, then you can **use a kit to press** the Reset button. After pressing **3 seconds**, you will see **Wi-Fi LED (Red) will turn off**. Currently, you can **release the button** for recovering it to **Default Network setting**.



## Chapter 3: Wireless and Network Setup

This chapter is to describe how to configure Network of ComWi. **If you don't want to update any Network setting, please skip this Chapter (Chapter 3).**

### 3.1 Default Network setting for ComWi

IP address	10.10.1.1
Subnet mask	255.255.255.0
Username	OFF
Password	OFF
Operation Mode	Gateway
DHCP	Server Mode
SSID	ComWi
Channel	Auto
Security	OFF

### 3.2 Configure Network setting for ComWi

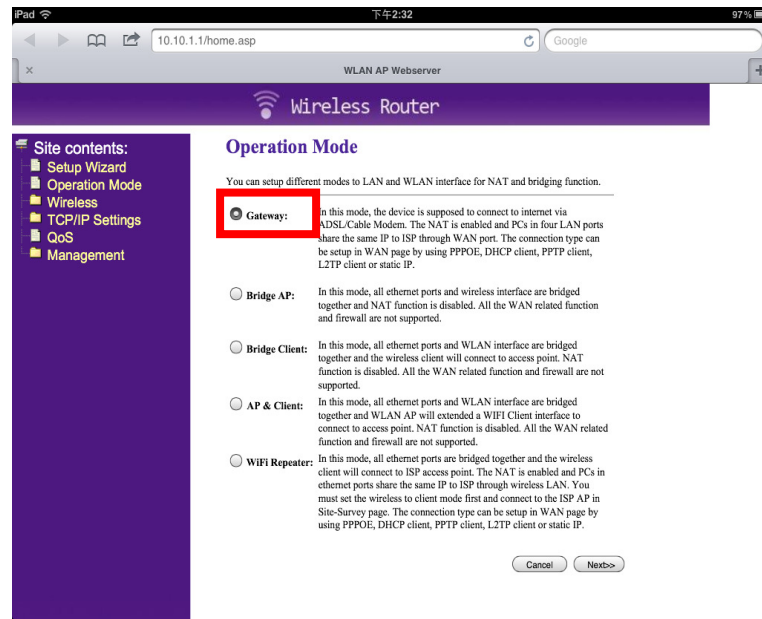
The following setup wizard will guide you to configure access point for first time. **Please follow the setup wizard step by step.**

1. Power on the ComWi and wait about 25 sec

**2. Choose a Wi-Fi Network: “ComWi\_xxxxxx”**

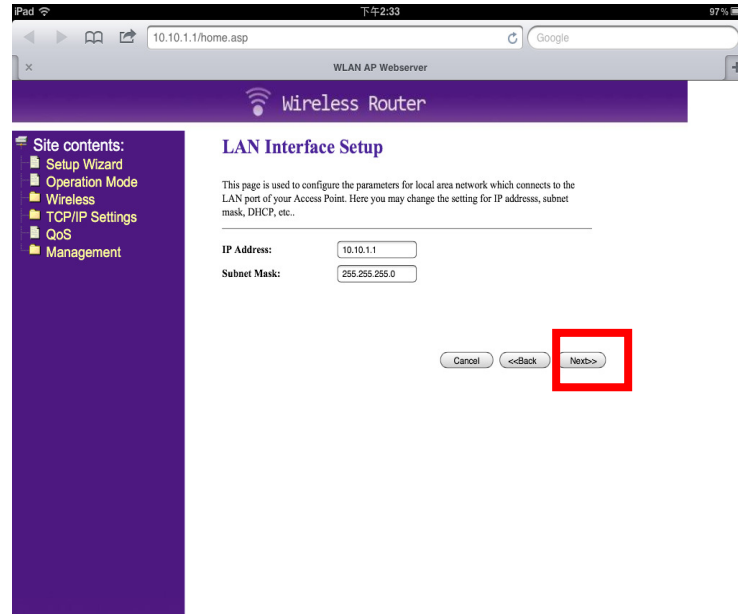
3. Open iPad / iPhone Native Browser – Safari
4. Enter: <http://10.10.1.1/> in URL-address

5. Refer to the following Web U/I and click “Next”.



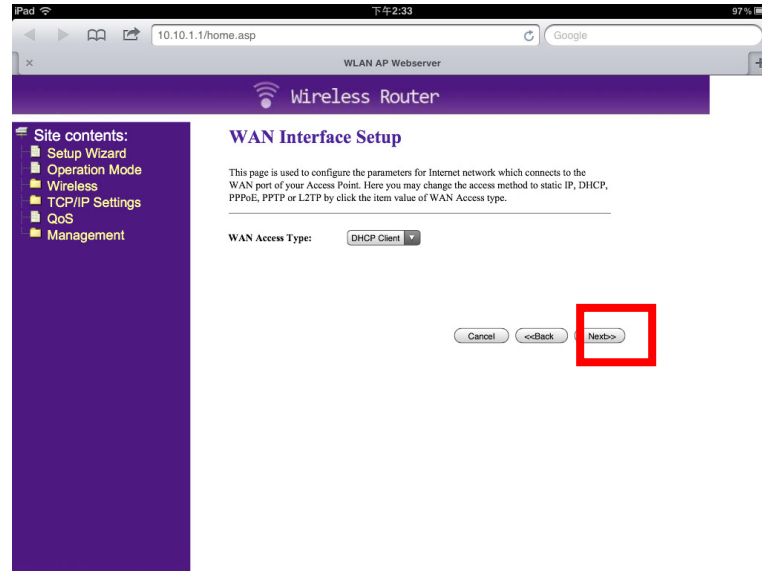
## 6. LAN Interface Setup

The following figure is to show how to configure the parameters for local area network connected to the ComWi. **If you don't want to update LAN Interface Setup, please click "Next" directly to skip it.**

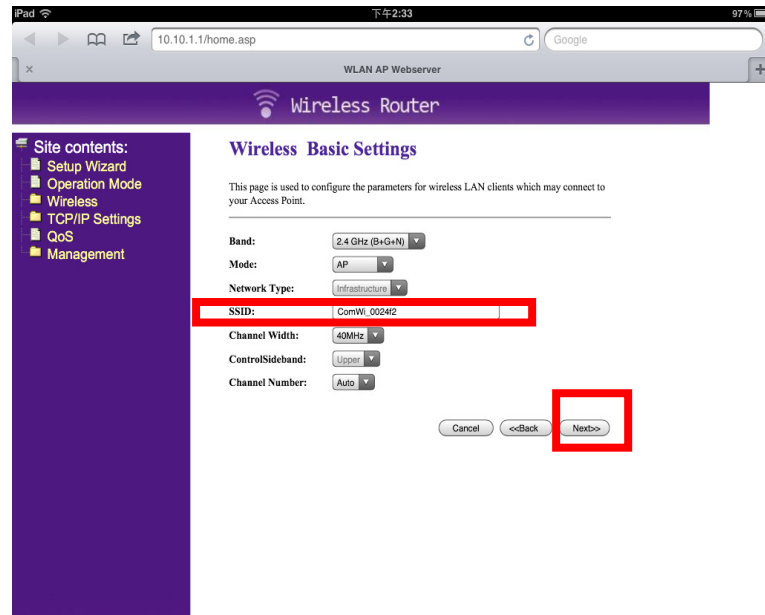


## 7. WAN Interface Setup

For Example: Select **PPPoE** for **ADSL** on WAN interface. **User Name** and **Password** need to be done and click “Next”. **If there is no ADSL network for connecting WAN Port of ComWi, you can keep it in “DHCP Client” and click “Next” directly to skip it.**

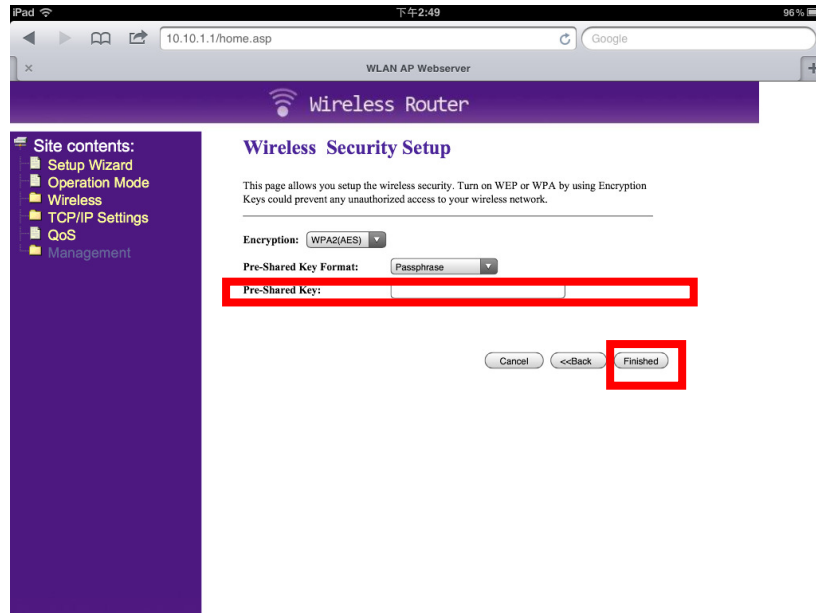


8. Wireless Basic Settings for using different SSID for your ComWi. After updating it, please click “Next” directly.



## 9. Wireless Security Setting

The following figure is to show setting up the security of the ComWi. Turning on the ComWi security will prevent any unauthorized access to the wireless network and. After updating it, please click **“Finished”** and wait about 20 second for accessing your New SSID.



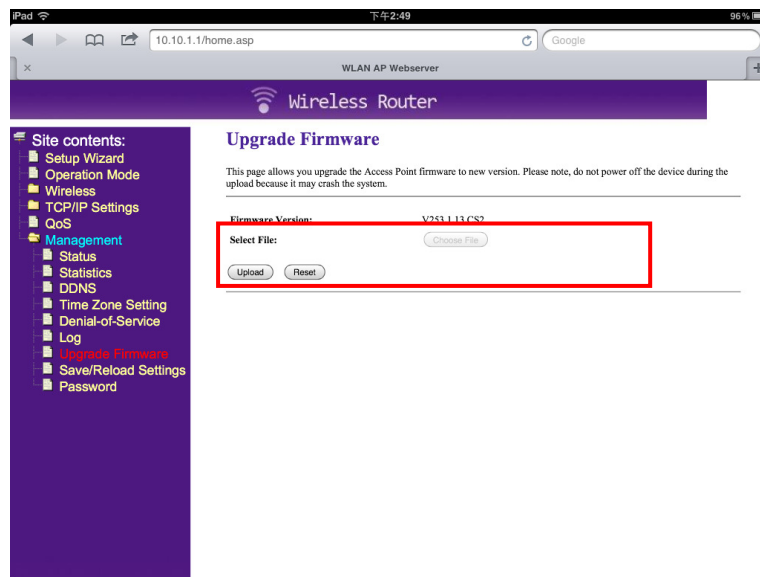
## 10. Upgrade Firmware

The feature allows ComWi firmware to be upgraded to a new version. Please refer to the following figure for updating firmware.

- It shows the current Firmware version.
- **Select** the latest firmware file from the local system like **PC/Notebook** and click **“Upload”**.

### NOTE:

**DON'T TURN OFF THE POWER DURING THE UPLOAD FIRMWARE. FAILURE WILL DAMAGE ComWi.**



#### FCC Compliance and Advisory Statement

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, according to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try correct the interference by one or more of the following measures:

1. Reorient the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

Any special accessories needed for compliance must be specified in the instruction manual.

Warning: A shielded-type power cord is required in order to meet FCC emission limits and also to prevent interference to the nearby radio and television reception. It is essential that only the supplied power cord be used. Use only shielded cables to connect I/O devices to this equipment.

CAUTION: Any changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.