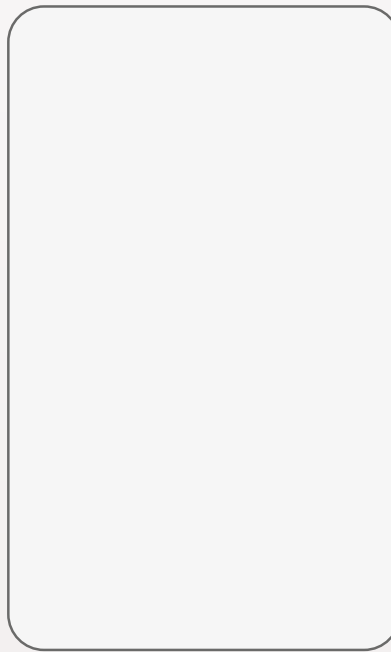


# TORNADO

## Cloud Traveler™

## Manual



Notebook



iPhone



Android Phone



iPad



Tablet PC



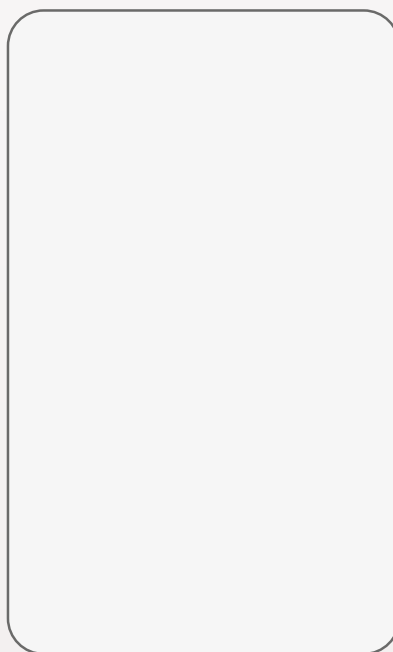
## Portable Wireless Router/Hotspot

1. Extends the coverage of wireless networks
2. Wireless access to USB storage devices
3. High Power charger for Smartphones/Tablets
4. Can be controlled via iPhone/Smartphone



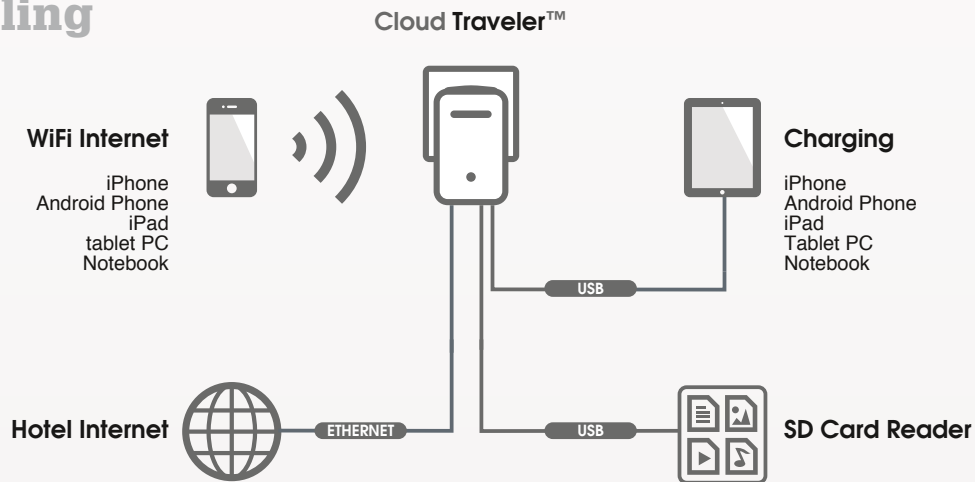
Cloud Traveler™

## Introduction



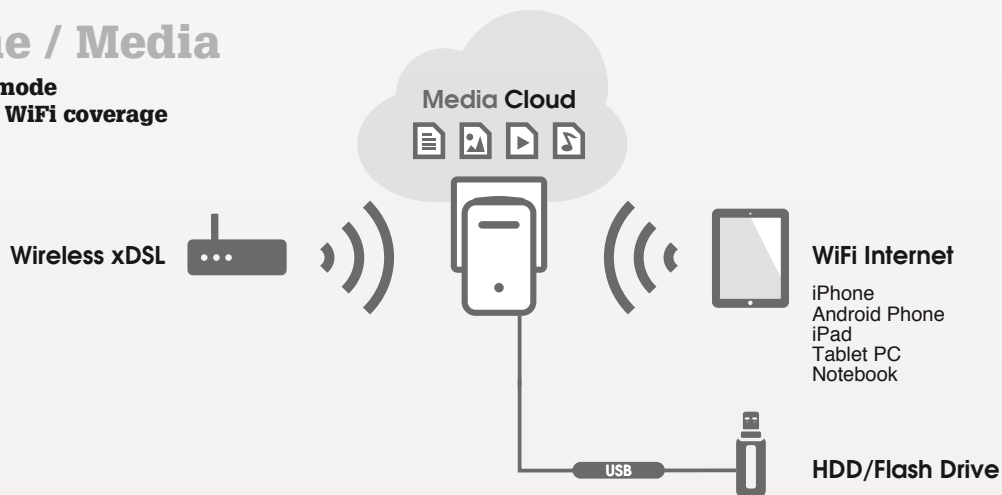
Congratulations on your purchase of this outstanding Tornado Cloud Traveler™. Great for travelers to charge iPad/iPhone and other mobile devices. Working as an AP router for travelers to access Internet easily with their iPad, iPhone and Laptop via Wi-Fi. Supports any 5V USB chargeable handheld device including iPad, iPhone. An extra USB port to connect a USB hard drive which then acts as a wireless HDD. Built-in HTTP file server for iPad/iPhone to browse contents via a web browser. USB port supports Smartphone or 3G USB card to share an Internet connection. Hotspot mode will let you network wirelessly and extend your wireless coverage.

## Traveling

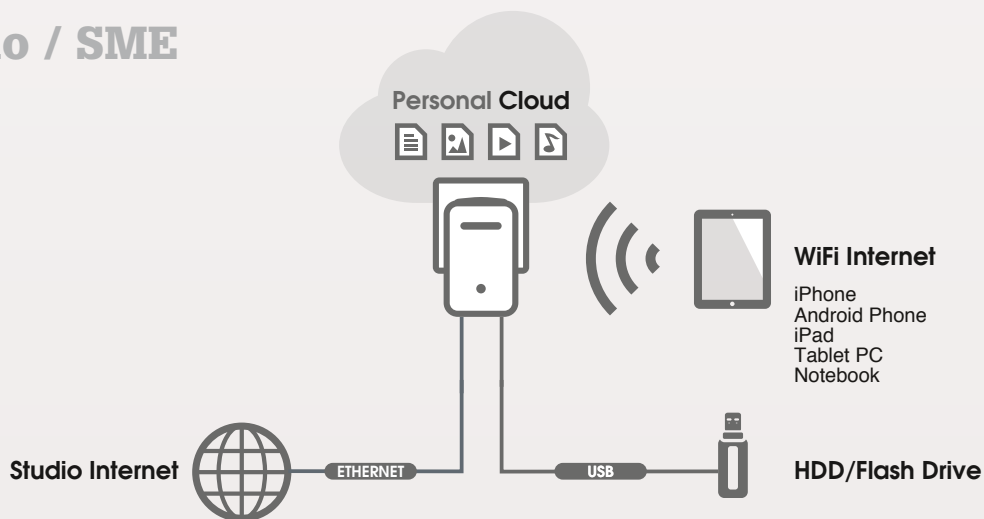


## Home / Media

**Hotspot mode  
for wider WiFi coverage**



## Studio / SME



### 1.1 Functions

Support Router, hotspot mode.  
Support Setup Wizard.  
Support File Server for user to playback Music/Video/Photo  
Support APP Configuration for Android Phone  
Support Simple configuration for Smart Phone

#### Wireless

IEEE 802.11b/g/n standards compliant.  
Support data rates up to 150Mbps ( Auto-Rate Capable ).  
Support WEP/WPA/WPA2 Encryption.  
Support Wireless hotspot mode.

#### WAN Ethernet Interface

1 Port Interface compliant with IEEE 802.3x standards.  
Automatic MDI/MDIX crossover for 10/100 Base-T port.  
Auto-negotiation and speed-auto-sensing support.  
xDSL/Cable modem support  
WAN Access Type: Static IP,DHCP,PPPoE,3G USB and Android Mobile

#### Network Management

Web-based Management  
Remote Access Control  
Firmware upgrade via HTTP/TFTP  
System Log

#### USB

5V/2.1A USB port for charging iPad/iPhone and Smartphone  
USB port for Smart Phone,3G USB card  
USB port for Flash Drive, USB Hard Drive, USB Card Reader

### 1.2 System Requirement

Check and confirm that your system/network meets the following requirements:  
-Personal computer (PC/Notebook/Tablet PC) or Smartphone.  
-One IEEE 802.11b/g/n Wireless adapter with installed TCP/IP  
-Internet Browser.

### 1.3 Package Contents

Package contains the following items:  
One Tornado Cloud Traveler™  
One CD-ROM ( Manual / Quick Setup Guide )  
One Quick Setup Guide

*If any of the above items are damaged or missing, please contact your dealer immediately.*

### 2.1 LED Indicator

The Tornado Cloud Traveler™ LED indicator displays information about the status of the device.

Green	Tornado Cloud Traveler™ accesses the Internet successfully
Orange	Flashing when Tornado Cloud Traveler™ cannot access the Internet
Red	Tornado Cloud Traveler™ is booting

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### 2.2 Ports & Reset button

The Tornado Cloud Traveler™ has one WAN Ethernet port, a Reset Button, a USB data port and a USB charging port for charging only.

WAN	Port for connecting an Ethernet cable to an existing network or an active DSL modem
Reset	Resest Tthe ornado Cloud Traveler™ to factory default. Press this button for more than 5 seconds to reset.
USB	USB HDD, Flash Drive, Card Reader, 3G USB card or Smartphone
USB Charging	Supports any 5V USB chargeable handheld device including iPad, iPhone. Connect your iPad/iPhone or Smartphone to the USB charger port for a fast recharge. (red circle).

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### 2.3 Power ON/OFF

The Power ON/OFF Button powers off the Tornado Cloud Traveler™ .

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### 2.4 Hardware Connection

This section describes the hardware connection of the Tornado Cloud Traveler™ to the Internet.

You need to prepare the following items before you can establish an Internet connection through your Tornado Cloud Traveler™ :

1. A notebook/tablet PC with a working wireless networking card (WiFi).
2. Existing network with Internet through a DHCP server or a working ADSL/Cable modem or 3G USB card/3G Mobile phone.
3. Flash Drive/ USB hard drive.

**Gateway**

1. Insert one end of the Ethernet cable into the WAN port of Tornado Cloud Traveler™ .
2. Insert one end of the Ethernet cable into the LAN port of ADSL/Cable modem with an internet connection
3. Insert the flash drive into the USB port of Tornado Cloud Traveler™ when you want to share the contents of this flash drive with your (or other) Wi-Fi device(s).
4. Now your Wi-Fi device can access Internet via your Tornado Cloud Traveler™ wirelessly.

**Hotspot**

1. Wi-Fi devices can connect to your Tornado Cloud Traveler™ .
2. The Tornado Cloud Traveler™ connects to root Access Point (AP) via which the Internet is available.
3. Configure your Tornado Cloud Traveler™ to Hotspot mode.
4. Now the Wi-Fi devices can access the Internet via your Tornado Cloud Traveler™ and root AP.

**3G USB Sharing**

1. Insert your 3G data card into the USB port of Tornado Cloud Traveler™.
2. Configure your Tornado Cloud Traveler™ to 3GUSB mode.
3. Now Wi-Fi devices can access the Internet via your 3G network.

**Android Mobile Sharing**

1. Connect your Android phone to the USB port of the Tornado Cloud Traveler™.
2. Enable USB Tethering on your Android phone.
3. Configure your Tornado Cloud Traveler™ to Android Mobile mode.
4. Now Wi-Fi devices can access the Internet via your 3G network.

Figures show the overall hardware connection mechanism of your Tornado Cloud Traveler™.

For your convenience, the web GUI allows you to configure Tornado Cloud Traveler™ using web browser. This chapter will explain all the functions in this Web GUI.

***Please turn ON the wireless adapter of PC first.***

#### 4.1 Setup Wireless Connection

#### 4.2 Login

To access the Tornado Cloud Traveler™ configuration screens, follow the following steps will enable you to log into the Tornado Cloud Traveler™.

1. Launch your web browser, and enter the Tornado Cloud Traveler™'s IP Address: **192.168.168.1** in the address field then press the "Enter" key to login.
2. Enter the default User name: "admin" and Password: "admin". Then press "OK" to login.
3. There are Wizard, WAN, System Setting, Wireless and FileServer icons to help you to configure the Tornado Cloud Traveler™ easily.

### 4.3 Wizard

Click on "Wizard" and the following screen will pop-up:  
Click Next >> button to continue.

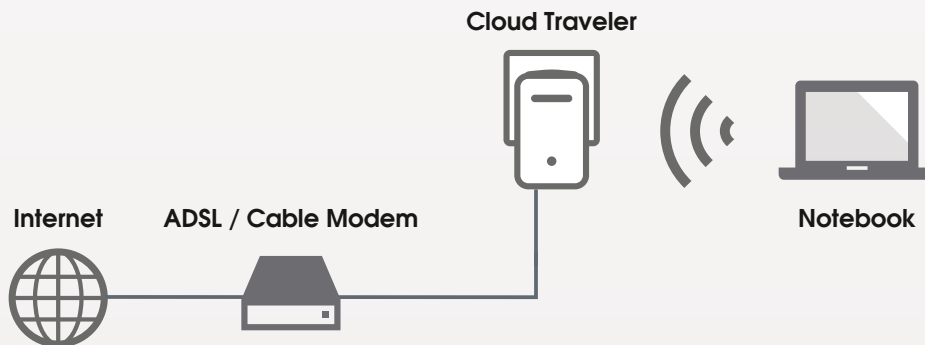
Choose Gateway or Hotspot mode.

#### 4.3.1 Gateway Mode

In the Gateway mode, the Tornado Cloud Traveler™ connects to Internet through ADSL modem, cable modem, 3G USB card or Android mobile phone.

WAN access type: Static IP, DHCP, PPPoE, USB3G and Android Mobile.

Static IP, DHCP& PPPoE:



Select WAN access type from the drop-down list.

DHCP: If you are using DHCP client, just click Apply changes to save the setting.



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**FCC Radiation Norm**

This equipment has been tested and found to comply with limits for a Class B digital device pursuant to 47 CFR, Part 2 and Part 15 of the Federal Communication Commission (FCC) rules.

**Operation is subject to the following two conditions:**

- This device may not cause harmful interference.
- This device must accept any interference received including interferences that may cause undesired operations.

**CE Radiation Norm**

This equipment has been tested and found to comply with the limits of the European Council Directive 99/5/EC on the approximation of the law of the member states relating to EN 300 328 V1.7.1 (2006-10), EN 301 489-1 V1.8.1 (2008-04) and EN 301 489-17 V1.3.2 (2008-04) and EN 60950.

**FCC & CE Compliance Statement**

These limits are designed to provide reasonable protection against radio interference in a residential environment. This equipment can generate, use and 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 is found by turning the equipment ON and OFF, the user is encouraged to try to reduce the interference by one or more of the following measures:

- Reorientate or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected to.
- Consult a dealer or an experienced technician for further assistance.

**CAUTION!**

The Federal Communication Commission warns the user that changes or modifications to the unit, not expressly approved by the party responsible for compliance, could void the user's authority to operate the equipment.