3.5G plus 11n Mobile Server Router

Quick Installation Guide

(Please also refer to the user manual from the Install CD)

1 Introduction

1.1 Features:

- **Small in size but huge in functionality**; the world No.1 Mobile Router for traveler

- **UPnP Supported**; insert your 3.5G modem card and enjoy the Internet without extra setting"

- **Multiple Power Supplies**; AC/DC changeable plugs plus USB power port, you can use the 3.5G plus 11n Mobile Router anywhere

- **All-in-one server;** files sharing between two USB connected devices with FTP, SAMBA protocol supported, provide a LAN server with file permissions and security control

- **3.5G and Wireless 11n Combo**; Ideal for mobility or backup for fixed lined connection

- **Three modes to be switched**; Router, AP and WiFi AP

- **WPS button** provides not only an easy and secured wireless network but also a WDS repeater in one push

- **Friendly user interface with 12 languages** supported; takes only 5 seconds to switch to your preferred language

- **Multiple APs Supported;** adds or limits the properties for classed SSID, increasing the flexibility and efficiency of the network.

1.2 Important Information
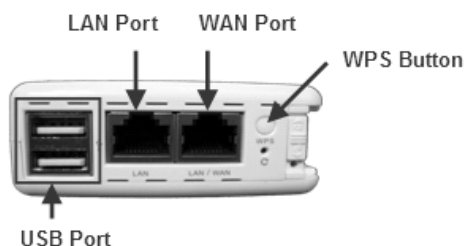
Default Username: **admin**

Default Password: **admin**

Default IP: **192.168.1.1** (Router Mode)
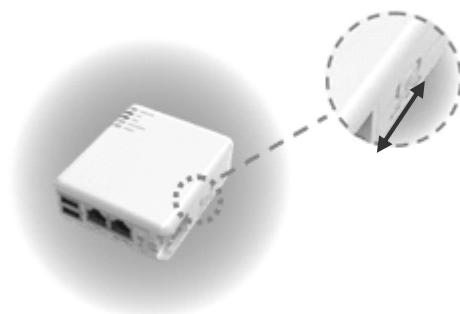
  192.168.1.254 (AP Mode)

  192.168.1.254 (WiFi Mode)

Default SSID: **3.5G_Mobile_Router**

Reset button: Reboot and restore all settings to factory default (Push "**Reset**" for 5 seconds)

Web Browser Requirement: Internet Explorer 5.5, 6.0 or higher version, Netscape Navigator 7.x

1.3 Three Operation Modes

3.5G Mobile Router supports multiple operation modes, including Router Mode, AP (Access Point) mode, and WiFi AP mode. You can switch among these modes easily by using its 3-way configuration switch.

Router Mode: Support xDSL, 802.11n and 3.5G Internet connections by different hardware interfaces

AP Mode: Supports 2 LAN ports as a bridge

WiFi AP Mode: Support wireless LAN as a bridge

Note: 1. Before sliding the switch, please power-off the router firstly. Moreover, please stay over 5 seconds between power-off / power-on condition.
2. Switching the mode while power-on will make the router crush, and cause the hardware damage and information lost.
3. Webcam, Samba and FTP server function can be enabled under any operation mode.

2 Plug and Play

2.1 3.5G Plug and Play

--Share a Wireless Internet on-the-go for Mobile Users

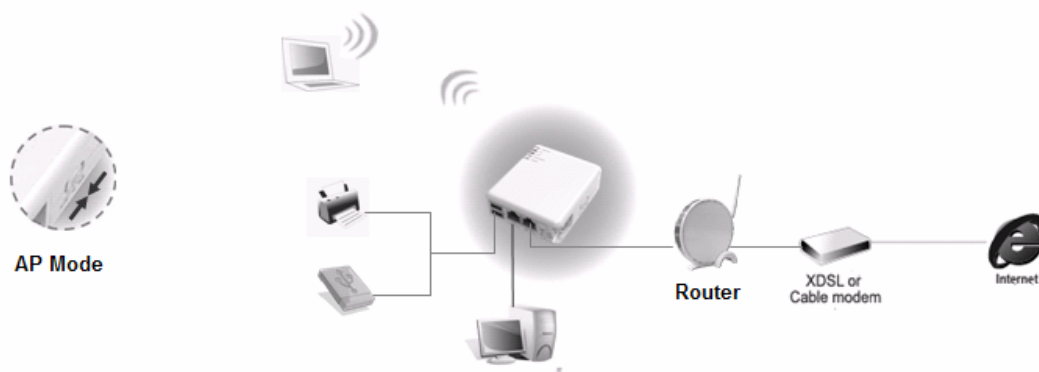**Step 1.** Switching 3.5G Mobile Router to **Router Mode**.

Step 2. Connect your 3.5G Mobile Router to power.

Step 3. Plug in 3.5GUSB modem (HSDPA, UMTS or W-CDMA) and then enjoy the wireless Internet.

> *Note: 1. If you cannot connect to the Internet, the basic setting of your 3.5G modem may not be the same as router default. Please check the correct setting with your ISP.*
> *2. If your ISP provide you a SIN PIN code, you can turn it off or input it under menu "WAN Setup"*
> *3. 2 x RJ-45 Ethernet 10/100 Ports provide wired LAN connection under Route Mode.*

2.2 AP Plug and Play

-- Supports 2 LAN Ports as a Bridge for Home Users

Step 1. Switching 3.5G Mobile Router to **AP Mode**.

Step 2. Connect your 3.5G Mobile Router to power.

Step 3. Connect Router with this AP, LAN to WAN with an Ethernet cable.

> *Note: 1. With the build in 802.11n wireless card, the Mobile Router can provide an ESSID and support Wireless Notebooks which under the same Class C, access the Internet.*
> *2. Wired PC user can use the other LAN port to access Internet.*

2.3   WPS Plug and Play

-- Supports Wireless LAN as a Bridge for Multiple Users & WPS Quick Connection

**Step 1.** Switching Mobile Router to **WiFi AP Mode**.

Step 2. Put 3.5G Mobile Router together with another WPS router, and then plug 3.5G Mobile Router into power.

Step 3. Press the WPS button for 5 to 6 seconds on both devices.

Step 4. The Status /WPS LED is flashing in Orange color when connecting to the WPS router.

Note: 1. It takes about 120 seconds for the WPS connections. After establishing the connection, the 3.5G plus 11n Mobile Router can be moved to other place under the wireless coverage.

2.3.1   WPS Quick Connection
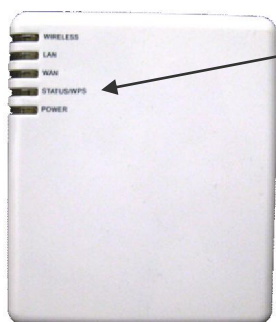
Status &WPS LED:

Solid	Flashing
Operation OK	Green: Reset / Firmware updates in progress Orange: WPS enabled

*For more infor mation about LED indicators, please refer to user manual "'Section 1.3.2."*

(1)   Pairing WPS devices at the first time and then these two WPS devices will enable the connection automatically.

(2)   The Mobile Router also provides PIN method to enable WPS function.   Please refer to user manual "**Section 5.2.6".**

(3)   User can create a wireless LAN by enabling WPS connection with upper layer device and also support 2 wired PCs to access Internet through its LAN ports.

# 3 Smart Setup

3.1 Smart Setup Utility

Smart Setup is a quick and easy install genie which offers you a super easy way to set up the internet connection and USB devices.
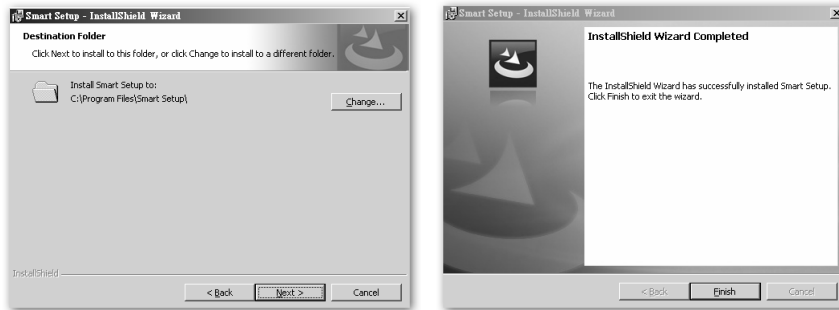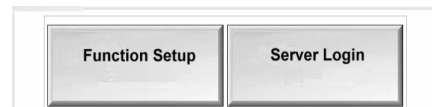

After completing the installation, Smart Setup icon will be generated on desktop automatically.

The smart utility will automatically search for available routers under the same subnet at the first entered.
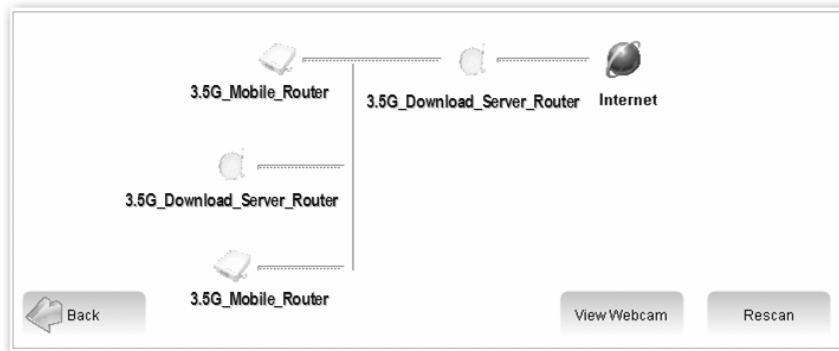
Move you mouse on the selected device and double-click the icon, and then you can enter to setup.

You will find 2 selections after logging into the Smart Utility.

Note: 1. The auto-searching is only work when those devices are made by our company. This function can help user managing multiple devices with single smart utility.
2. Move your mouse on the device and you can see its information listed on a pop-up window.
3. You can change the device name at One Button Setup page.

3.2 One Button Setup

The advanced One Button Setup provides users a simple way to set up the complicated network. Instead of numbers of IPs to be memorized, you just need to fill in the required information in one page and then enjoy the secured internet by clicking a "**Next**" button.

Step 1. Select **Function Setup** and then get into "**One Button Setup**" page.
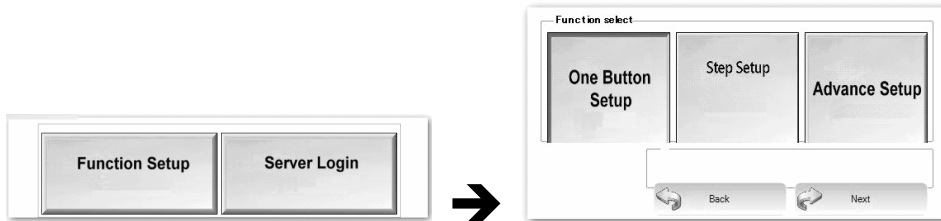
Step 2. Fill-in the necessary information in this page.

Note: 1. Make sure you have key in the "User Name" and "Password' here. 3.5G Internet user can also modify "APN/Phone Number" here.

Click **Next** and waiting for system setting.

After system setting finished, the information you filled in will show up.

If there is any mistake, you will not able to move to next page. .

3.3 Server

3.5G Mobile Router has 2 USB ports allows user to utilize shared printer and samba server. Additionally, apply 3.5G Mobile Router with a Webcam to monitor in real time, or with a USB-connected Flash/Drive to become a FTP server providing shared download service in the mean time.　Those server functions can be enabled under any operation mode.

Note: 1. This Mobile Router has auto-searching function to search the available server device. When a WebCam, USB HDD or Remote FTP is available, you can setup the server function from Smart Setup Utility.

3.3.1　Webcam

(1)　Click on View Webcam button form the menu main page, the webcams under this network can be found and displayed.


This function help user remotely access and control their Webcams via a browser and record all images into the USB HDD for reviewing. User can save the money on the expensive monitor equipments.

(2)　Only administrator can enable the webcam recording function.　Click on **Admin Webcam Record.** The administrator can enable /disable webcam recording or open the record files.
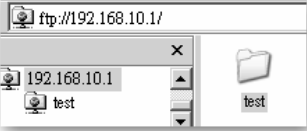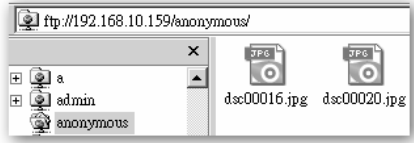

(3)　If you don't have Webcam record files in your USB HDD, the system will automatically create a FTP folder.
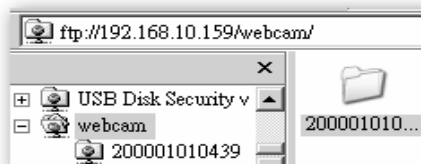
Note:　The Mobile Router supports any Logitech or Microsoft .UVC (Universal Virtual Computer) Webcam.
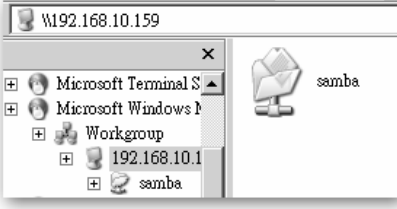

3.3.2　FTP

Both local and remote users can upload or download files, pictures or music files to the USB storage device. User can access personal file by personal account or sharing folder by being an anonymous.

(1) **My FTP** ➜ Login as the administrator.

(2) **My FTP** ➜ Login as a normal user.

(3) **Anonymous** ➜ Login as anonymous.

3.3.3 SAMBA

By supporting NetBIOS Protocol, LAN users can share files or printer via My Network Places. Under 100M high-speed throughput, Samba Server provides a secure and effective domain for files access, download, and backup.

(1) **My Samba** ➜

Samba folder is public folder; anyone under this Workgroup can delete or modify the content inside.

(2) LAN user under the same subnet can easily drag and move their personal file to the samba
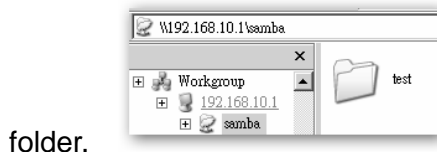
folder.

Note: 1.The difference between Samba Sharing Folder and FTP Sharing Folder is any local or remote Anonymous can access FTP sharing folder via Interne but only local user can open the Samba sharing folder.
2. Microsoft Vista's default security policy might not compliance with Samba server can the Vista user might have problem to connect to Samba sharing folders.

4   Other Important Notice

(1)   When power on, it will take 120 seconds for the Mobile Router running a Full-Featured self-testing.

(2)   This Mobile Router provides AC/DC changeable plugs and an extra Mini USB power port. Please connect to a 15 amp 5V DC power when using a DC plug.

(3)   The mini USB power port accepts 5V DC power device only, please don't connect to other kinds of USB device.

(4)   Each USB port supply 500mA power.   If your USB device requests a higher power than 500mA, please use a USB Y type cable to connect both USB ports or work with a power adapter.