WM340 User Guide

Version 0.2

May 2012

Contents

Introduction

Thank you for purchasing the WM340

Please always read this user guide before using the product.

Before using the terminal

· It is not available, at the place that out of reach of radio waves such as in tunnels, underground, building and weak point, out of service. And you may not be available even in the high floor vantage point, such as high-rise apartment buildings.

· If use overseas, please check with your customer center.

· Public places, a quiet place and where there is a lot of people, please use so as not to disturb the people around.

· Damage of this document and caused by the use of products that have been described in this document, costs of recovery is your responsibilities.

Note about the security at the time of wireless LAN use

In wireless LAN, in order to exchange information with wireless LAN apparatus between wireless LAN access points instead of a LAN cable using an electric wave, if it is a range which an electric wave reaches, there is an advantage that LAN access becomes possible freely. If the other hand, if it is within radio range can reach, in order to reach all locations beyond the obstacles that have not been security-related settings, there is a risk or is intercepted communications, resulting in the intrusion.

This product is not setting up security in the state of the purchase. In consideration of safety, perform security setting and recommend to using this product. Please refer to this book for the setting method of security.

Supported OS (Personal Computers)

Operation System	Windows XP	Service Pack 3 or later(32bit version)
		Service Pack 2 or later(64bit version)
	Windows Vista	Service Pack 2 or later(32bit／64bit version)
	Windows 7	Service Pack 1 or later(32bit／64bit version)
	Mac OS X	10.5 ～ 10.7.2
		*Only support Intel processor. Not supports Mac with a Power PC processor.
	Android	2.2 or later

	iOS	4 or later
Browser	Mozilla Firefox	2.0 or later
	Internet Explorer	6.0 or later
	Safari	2.0 or later
	Opera	9.64 or later
Disk free space	50MB	
Display Resolution	800 × 600 or more (1024 × 768 recommended).	

- Other than the above, it may not work. In addition, even if applicable to the above, by your environment, you may not operate properly.

Safety Notes

Before using this product, please read the "Safety Notes" and use this product in the correct manner. The dangers or damage that can occur if the following precautions are not strictly adhered to or this product is not used in the correct manner are described below.

⚠Danger	This sign denotes that death or serious injury may directly result from improper use.
⚠Warning	This sign denotes that death or serious injury may result from improper use.
⚠Caution	This sign denotes that bodily injury or damage to property may result from improper use.

The following pictorial displays are used to represent what you should do or should not do.

🚫 Don't	This symbol denotes a prohibited action.
🚫 No disassembly	This symbol denotes that disassembling the phone or its components is not allowed.
🚫 No liquids	This symbol denotes that using the device or its components in a bathroom or highly humid area is not allowed.
🚫 No wet hands	This symbol denotes that using the device or its components with wet hands is not allowed.
❗ Do	This symbol denotes an obligatory action (that must be performed).

Notes about WM340

⚠ Danger

🚫	Please do not use or leave the device in a place where it will be exposed to high temperatures, such as near a fire or heater, in strong, direct sunlight, or inside a car on a hot day. ●This may cause the device change shape or malfunction or overheat, catch fire. It may also cause the device to become hot, resulting in a burn injury.
🚫	Please do not used near the vicinity of high-precision electronic devices. ●If you are using electrical devices for medical care other than an implanted pacemaker or implanted defibrillator at home or other location outside a medical facility, please inquire with the manufacturer of each device concerning any adverse effects of radio waves on device.
🚫	Please do not disassemble or modify the device. ●This may cause a fire, injury, electric shock or other accident, or malfunction of the device. ●By alter device, it is a violation of the Radio Law.
🚫	Please do not use the device with wet hands. ●This may cause electric shock, or malfunction of the device.
🚫	Please do not use the device in a bathroom and not put in the water. ●This may cause overheat, a fire, electric shock or malfunction of the device. Do not used near a risk of spilling liquid. ●Spilled liquid may cause a fire, overheat, electric shock, or malfunction of the device.

⚠Warning

🚫	Please do not subject the device to strong shocks or throw it. ●It may cause malfunction of device, a fire, injury of yourself or others.
🚫	Please do not put any foreign objects from the gap. ●This may cause overheats, a fire, electric shock or malfunction.
🚫	Please do not use the device at gasoline stations or other locations where it may cause a fire or explosion. ●This may cause explosion, or catch fire.

🚫	Please do not put in a microwave oven or other cooking device that use heat, or a high-pressure container. ●This may cause overheats, a fire, electric shock or malfunction.
🚫	Please use the equipment always dedicated. ●If use the equipment not dedicated, it may cause overheats, a fire, explosion or malfunction.
🚫	Please do not use this device while driving. ●This may cause traffic accident.
🚫	Please do not use this device in aircraft, at hospitals, or other areas where its use is prohibited. ●It may adversely affect electronic instruments or electric devices for medical care.
🚫	Please remove the device from the PC, when not used for a long time. ●This may cause electric shock, a fire or malfunction.
❗	Abnormal condition such as the smoke, strange odor, please remove this device from PC immediately. ●Continuing to use, it may cause overheat, a fire. When notice any abnormality, please discontinue use immediately.
❗	If water enters, please discontinue use immediately. ●Continuing to use, it may cause electric shock or malfunction.
❗	When there is a possibility of lightning-fear, please turn off the product and wireless LAN, and please unplug the power plug of the AC adaptor and PC. ●It may cause thunderbolt, electric shock, a fire. In the case of outdoor, please move to a safe place.

⚠Caution

🚫	Do not place the device on sloped or unstable surface. ●The device may fall off, causing an injury, or malfunction of the device.
🚫	Do not use more excessive force than necessary. ●This may cause injury or malfunction.
🚫	Itching, rash, eczema, or other condition may occur depending on the customer's health or physical disposition. ●If an abnormality occurs, immediately stop using, please receive medical attention.
🚫	If the impact on electronic devices of the vehicle, please do not use. ●It may cause an adverse effect on vehicle electronic products and interfere with the safe driving

	Keep the device out of the reach of small children.
	●Small children may accidentally swallow the device, or may injure themselves.

Notes about battery pack

	⚠Danger	

🚫	Please do not use or leave the device in a place where it will be exposed to high temperatures, such as near a fire or heater, in strong, direct sunlight, or inside a car on a hot day.
🚫	Please do not contact metal, such as the wire to the terminals.
🚫	Please do not use any batteries other than this product. Also, please do not use it for other apparatus.
🚫	Please do not use anything other than the appointed AC adaptor for charge.
🚫	When equipping, the orientation of the battery pack has been determined. Please attach after confirming direction of the battery pack. Please do not strain, when can not equip this product well.
🚫	Do not give a strong shock such as prick with a needle, hit with a hammer, tramples, and do not throw.
🚫	If battery pack significantly damaged or deformed, please do not use.
🚫	Do not put in fire or water and do not heat.
🚫	Please do not disassemble or modify the device.
❗	When the liquid inside a battery pack enters into eyes, Please Washed with clean water, and get medical attention immediately.

	⚠Warning	

🚫	Please do not put in a microwave and high-pressure container.
🚫	Please fire away from stop using it immediately, When the liquid inside a battery pack leaks or have nasty smell.
🚫	If charging is not completed beyond the predetermined charging time when charging, Please stop charging.

🚫	Please do not use it in a bathroom and do not put into water.
🚫	Please do not use the device with wet hands.

⚠️Caution

🚫	When the liquid inside a battery pack adheres to the skin or clothing, Please wash away with clean water immediately.
❗	Keep the device out of the reach of small children.
❗	When the battery pack attached , if it was probably rust, nasty smell, generation of heat and other anomalies, please do not attached the battery pack into it.

Note about AC adaptor

<div align="center">⚠ Danger</div>

🚫	Please do not use an AC adapter other than the product. Please do not use it for other apparatus.
🚫	AC adapter is connected directly to the outlet, please.
🚫	Please do not use or leave the device in a place where it will be exposed to high temperatures, such as near a fire or heater, in strong, direct sunlight, or inside a car on a hot day.
🚫	Please do not put in a microwave and high-pressure container.
🚫	Please do not use the power other than the displayed power voltage.
🚫	Please do not disassemble or modify the device.
❗	When there is a possibility of lightning-fear, to prevent electric shock or fire caused by lightning, please power off and unplug the AC adapter from the electrical outlet
❗	When not being used, for safety, please remove it from the body and put the AC adapter.

<div align="center">⚠ Warning</div>

🚫	Do not give a strong shock or do not throw.
🚫	Please do not contact a conductive foreign substance for a terminal.
🚫	When the code of the AC adaptor is hurting, please do not use.
🚫	Please fire away from stop using it immediately, When the liquid inside a battery pack leaks or have nasty smell.
🚫	If charging is not completed beyond the predetermined charging time when charging, Please stop charging

🚫	Please do not cover with cloth etc.
🚫	Please do not place heavy objects on it.
🚫	Please do not put on a dusty place.
🚫	Please do not pull a code, when you extract the AC adapter.
🚫	Please do not use it in a bathroom and do not put into water.
🚫	Please do not use the device with wet hands.

⚠ Caution

🚫	Do not place the device on sloped or unstable surface.
❗	Keep the device out of the reach of small children.

Before Using

Part names and function

Power Button

WPS/WiFi Button

Internet Button

LED Lamp
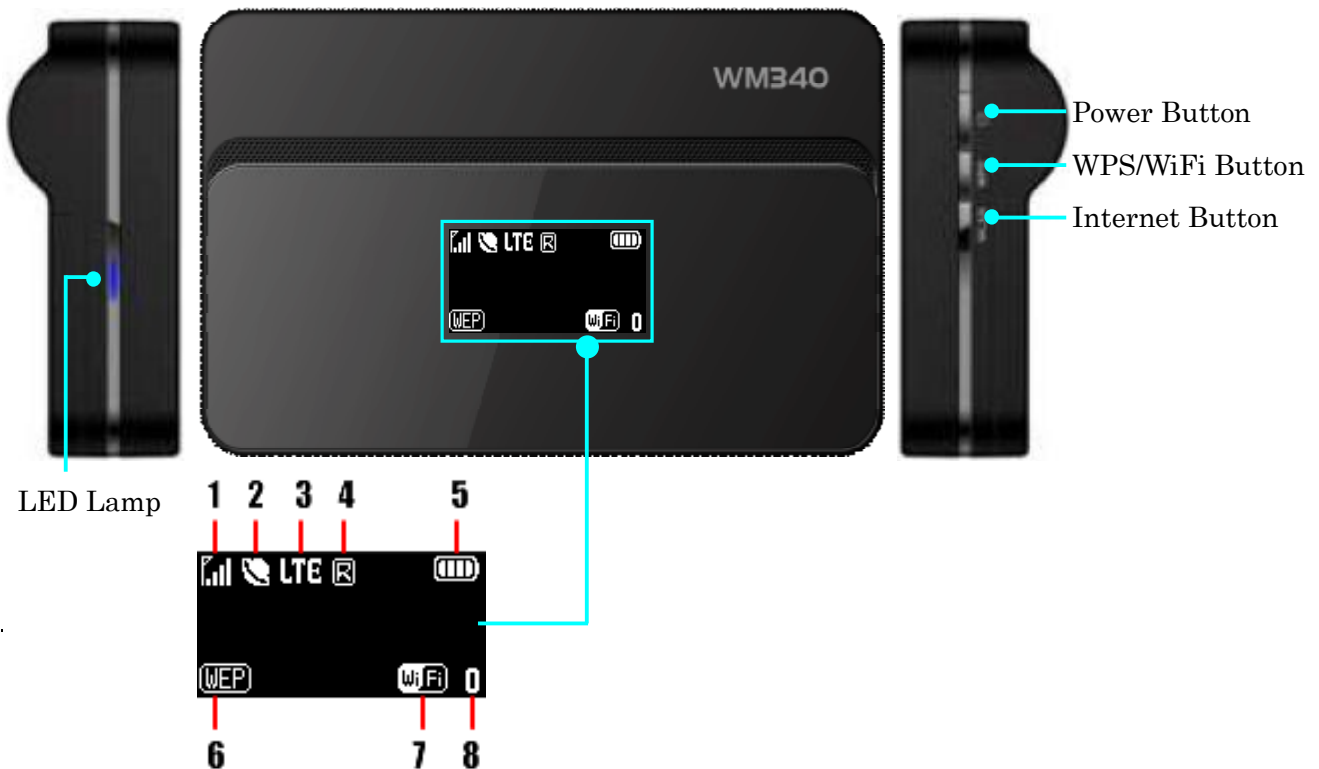
Status Area		Icon Information		
1	Antenna bar			Strength of radio wave
2	Internet connection			
3	Connected Status		Network searching	
			Connected to 3G Network	
			Connected to 2G Network	
4	Roaming Status		Roaming	
5	Battery power			Battery (Small ⇔ Large)
			Charging	
6	Wireless Security		No encryption	
			WEP64bit/WEP128bit	
			WPA-PSK AES	
			WPA2-PSK AES	
			WPA/WPA2-PSK AES	
7	Access point state			
8	Number of users			

1. **Power Button**

   [Power OFF State]

   Pressed about 3 seconds, it displayed as "WELCOME" on the LCD screen, and the power is turned ON.

   [Power ON State]

   (1) Power OFF

   Pressed about 3 seconds, it displayed as "BYE" on the LCD screen, and the power is turned OFF.

   (2) Connect / Disconnect (WAN)

   If the power button is pressed for less than 2 seconds, be operated connect / disconnect by the WAN side.

2. **WPS/WiFi Button**

   Do the following, operate after short pressing the power / disconnected button, please.

   (1) ON／OFF (Wireless LAN)

   Pressed it about 1 second less than 2 seconds or more, be operated wireless LAN ON/OFF.

   (2) WPS

   Pressed it about 5 seconds, WPS function starts.

   Reset Button

   When you open the back cover of the body, there is a reset button.

   Short press the reset button, and restarted this product

   Press the reset button about 5seconds, Configuration of this product is returned to the factory default condition.

Reset Button
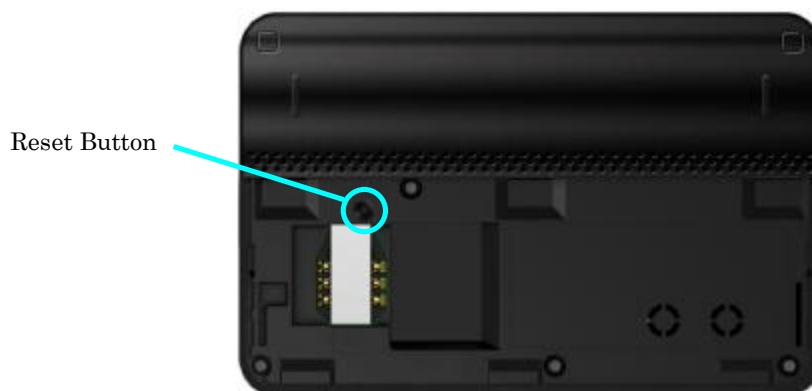
LED lamp display

LED Lamp		State
Red	Flashes always	Charging
Green	Flashes always	Full charge
Red	Flashes	Error

Preparing USIM card

Attaching

1. Please turn off the power, if the power of this product is on.
2. If this product is connected with USB cable or AC adapter, remove it.
3. Remove the cover.
4. Facing down the metal surface of the USIM card, insert the USIM card into the USIM slot in the upper right corner cutout.

Cutout
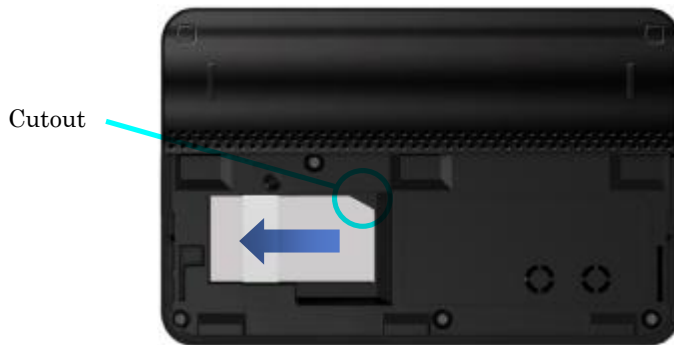
5. Check the USIM card is attached.
6. Attach the cover.

Removing

1. Please turn off the power, if the power of this product is on.
2. If this product is connected with USB cable or AC adapter, remove it.
3. Remove the cover.
4. Remove by pulling in the direction of the arrow on the USIM card.

5. Attach the cover.

Setting

Setting

Set the fundamental connection item.

1. Do PC and USB cable connection or wireless LAN connection, please input the private IP address in the address field. The private IP address at the time of purchase is set 「http://192.168.0.1」. How to connect, check「Wireless LAN Connection procedure」、「USB Connection procedure」,please.

2. Displayed login screen. Input the password to log in. The password at the time of purchase is set 「password」. For security, recommend to change the password at the time of purchase.

3. Click Admin Setup icon.

4. In administrator password setting screen, login password can be changed. The password at the time of purchase is set「password」. Select「Next」, after inputting administrator password.

Setting Items		Description
Administrator password	WEP key(initial value)	Set the inputting password when connecting to Wi-Fi. The WEP key (5 digit number) at the time of purchase is set.

		The length of the password is dependent on the security mode.

5. In APN setting screen, using APN and default APN can be selected. Select 「Next」, after selecting APN.

6. In the default user setting screen, profile name／user name／password／APN／Tel／ Authentication type can be set.（Only if you select a 「default APN」, APN settings of the previous screen, the default user setting screen is displayed）

7. In the Wi-Fi setting screen, SSID／Security Mode／Wi-Fi password can be set. Select「Finish」,
    after setting.

Setting Items		Description
SSID	WM340_XXX	Network name（SSID）can set.
Security Mode	No encryption	No security settings.
	WEP 64 Bit Shared	Select wireless LAN security.
	WEP 128 Bit Shared	If select WEP, Set the WEP key of 26 digits
	WEP 64 Bit Open	or 10 digits.
	WEP 128 Bit Open	
	WPA Personal TKIP	If select WPA, Set the WPA key of 63 digits .
	WPA Personal TKIP/AES	
	WPA2 Personal AES	
	WPA2PersonalTKIP/AES	
	WPA/WPA2 Personal	
Wi-Fi password	WEP key (initial value)	Set the inputting password when connecting to Wi-Fi. The WEP key (5 digit number) at the time of purchase is set. The length of the password is dependent on the security mode.

8. Restart the browser after setting. The setting can be reflected.

Wireless LAN Connection procedure

Connection procedure for this product

1. Turn on the power of this product.

2. Please search the network from the wireless LAN equipment.

3. SSID (WM340-XXX) of this product is displayed. If this product is chosen, a router and wireless LAN connection will begin.

   When WEP/WPA is set, the input of the WEP/WPA key is needed.
   Please enter the WEP/WPA key that is configured on the router.

4. When a connection mode of the Internet is set in "automatic", the WAN side is connected to the Internet.
   Access to the Internet will be available from wireless LAN equipment.
   *When you use this product for the first time, WM340 setting tool is accessed (http://192.168.0.1), and a setup of the Internet is needed. For details, please refer to "a setup of the Internet" 19-page.

Caution

· When connection of the Internet is manual, please access WM340 setting tool (http://192.168.0.1), and perform connection operation to the Internet manually.

Various function setting (Detail)

About WM340 setting tool

You can set the various functions of this product by using a Web browser from the USB cable this product and equipment, and wireless LAN connection. Please note that if you change the settings from the wireless LAN equipment, it may be disconnected wireless LAN.

Starting of WM340 setting tool

1. Connect the USB cable or wireless LAN and PC, please enter the private IP address in the address field. As for the private IP address at the time of a purchase of this product, "http://192.168.0.1" is set up.

2. A login screen is displayed. Please enter a password and log in. As for the password at the time of a purchase of this product, "the WEP key (5 figures of numbers)" is set up. We recommend you to change the password at the time of a purchase on security.

3. Please click advanced settings. A detailed setup of each function is performed.

Internet Settings

If you want to set up the Internet, Please make sure that the USIM card is inserted.

Network

Sets how to search the network to connect.

1. Sets the items.

   If you want to use in the domestic, please set to 3G the "Network Mode" and set to automatic the "Network Selection".

Settings		Description
Network Mode	2G Only	Search only the 2G.
	3G Only	Search only the 3G.
Roaming	ON	WAN(2G／3G) roaming will be enabled. *If you want to use overseas to USIM cards of Japan, please set to on this items.
	OFF	WAN(2G／3G) roaming will be disabled.
Network Selection	Automatic	Search the network automatically.
	Manual	If set to manual, around network will be displayed. When you select a network from the list,

		connect to that network.

2. Setting is complete, please press the Save button. Setting is updated.

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Connection

In order to connect to the Internet, sets the connection mode and profile.

1. Sets the items.

   The default profile has been registered. Please register a profile for the network as needed.

   The profile can be registered up to 10.

Setting Items		Description
Connect Mode	Auto	Connect to Internet automatically.
	Manual	Perform to connect and disconnect in the WM340 setting tool.
	Dial Demand	Connect to the Internet when detects the device. If you do not communicate within the set time, disconnect automatically.
Profile List	－	Select the profile to configure.

2. To create APN profile by pressing the "New" button.

Setting Items		Description
APN Profile	Profile Name	Please enter the name of any.
	User Name	Please register a user name that carriers specify.
	Password	Please register a password that carriers specify.
	APN	Please register a APN that carriers specify.
	Tel	Please register a Tel that carriers specify.
	Auth Type	Please register a auth type that carriers specify.
	Set Default	If you want to set to default, please specify.

3. Setting is complete, please press the Save button. Setting is updated.

PIN Lock

USIM card PIN code can be set. If you have configured, each time of power on enter the number of 4 to 8 digits. You can prevent unauthorized use by third parties.

In this setting to change the PIN authentication enable or disable and the PIN code.
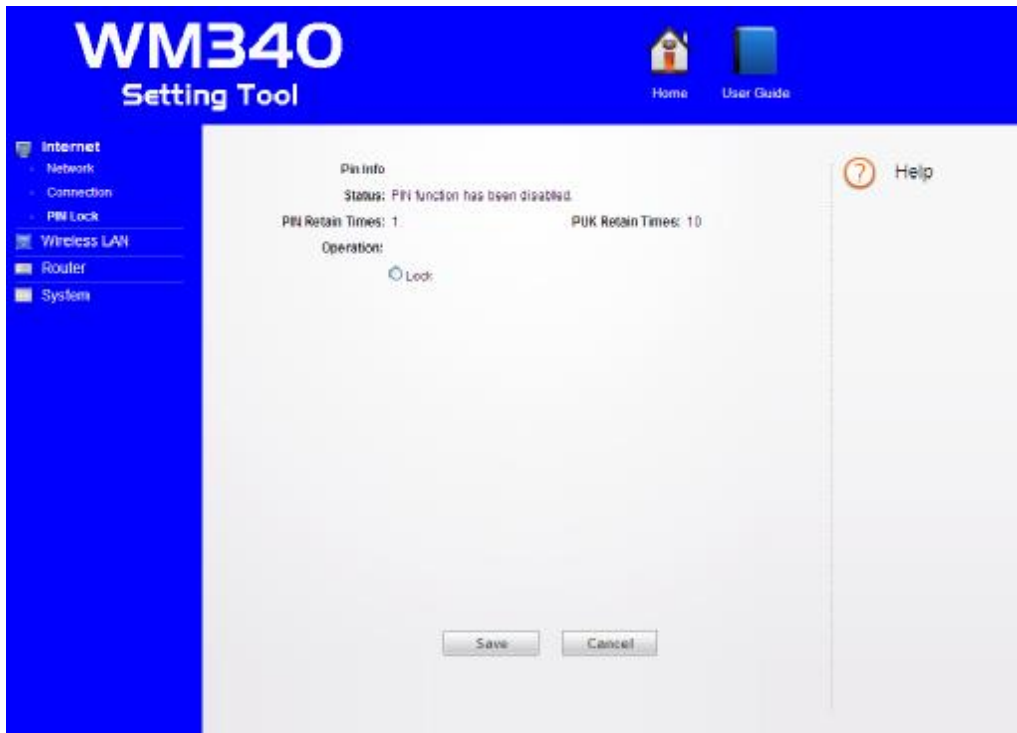
1. Switching the PIN authentication enable or disable.
   Select the "Lock" if you want to enable, please enter the PIN code of the current.
   Please press the, "Save" button after you enter.

2. Change the PIN code.
   Please press the "Save" button after enter the current PIN code and new PIN code.

3. Authentication of the PIN code
   Please press the "Save" button after enter the current PIN code.

> Caution
> ・ After three unsuccessful tries to enter PIN code, will not be able to enter the PIN code .(PIN Lock)
>   Want to unlock the PIN lock, please contact the Customer Center.

Wireless LAN

WLAN
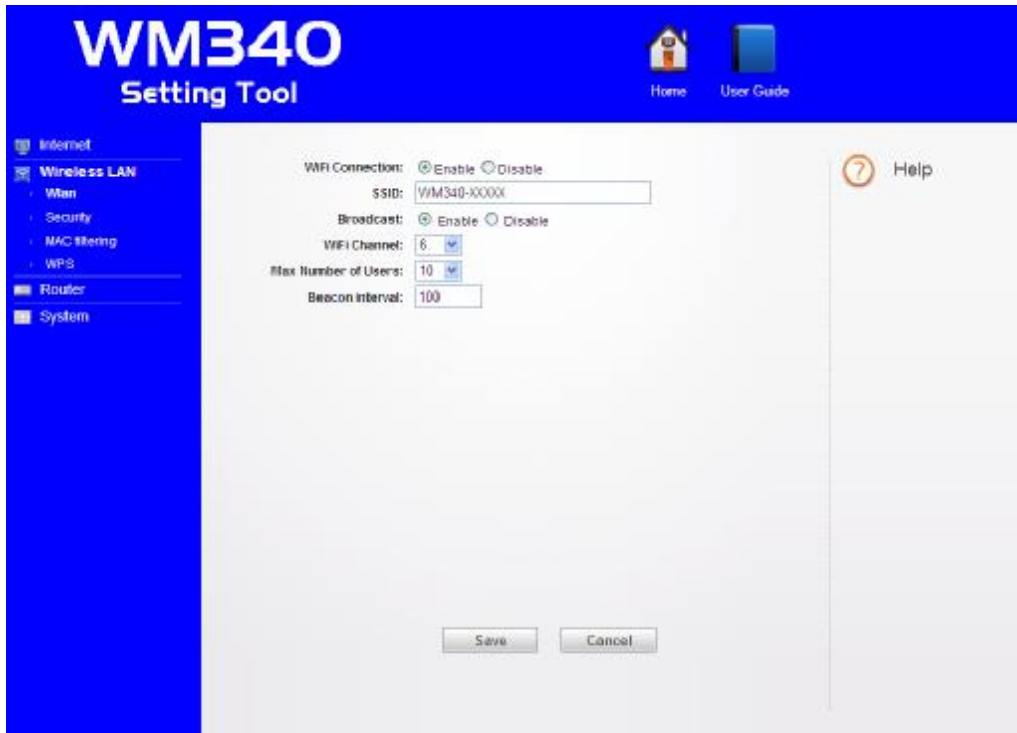
Setting Items		Description
Wi-Fi Connection	Enable	Wireless LAN connection will be enabled.
	Disable	Wireless LAN connection will be disabled.
Wi-Fi Channel	1、2、3、4、…、14	Set the Wi-Fi channel to be used.
SSID	WM340_XXX	Set the SSID.
Broadcast	Enable	SSID will be displayed in the connected equipment.
	Disable	SSID is not displayed on the connected equipment.
Max Number of Users	1、2、3、4、…、10	Limit the number of users to connect. Communication speed and security will improve with fewer number of connected users.
Beacon interval	100ms	To be recognized by the device, set the interval between transmission of a packet. If set the interval large, power consumption will be reduced. The recommended the default settings.

Security

Setting Items		Description
Security Mode	None	No security
	WEP 64 Bit Shared	Select the wireless LAN security.
	WEP 128 Bit Shared	If you select WEP, WEP key settings screen is
	WEP 64 Bit Open	displayed. Set the WEP key of 10 digits or 26
	WEP 128 Bit Open	digits.
	WPA Personal TKIP	If you select WPA, WPA key setting screen
	WPA Personal TKIP/AES	will be displayed. Set the WPA key within 63
	WPA2 Personal AES	digits.
	WPA2 Personal TKIP/AES	
	WPA/WPA2 Personal	
Wi-Fi Password	WEP key(initial value)	Set the password you enter when connecting to Wi-Fi. The initial value is WEP key (5 digit number). Password length is dependent on the security mode.

Caution

- If you changed the security, there are times when the device is unable to connect. In that case, please set the connection of the device again.
- The recommended the setting to WPA or WPA2 from the safety of security.

MAC filtering

MAC filtering is the ability to control access from a particular MAC address.

Setting Items		Description
MAC Filter	Enable	MAC filtering feature will be enabled.
	Disable	MAC filtering feature will be disabled.
MAC Filter Mode	Allow all in list	Allow access only of MAC addresses that is registered in the list.
	Block all in list	Block the access of MAC addresses that are registered in the list.
MAC Filter List	MAC Address	Register the MAC address of the terminal to connect . MAC address can be registered up to 10.
	Name	To register any name corresponding to the MAC address.

WPS

WPS (Wi-Fi Protected Setup) is feature the easy connection to router.

After select the PBC or PIN, WPS connection is initiated by pressing the "Save".

Setting Items		Description
WPS Setting	Enable	WPS feature will be enabled.
	Disable	WPS feature will be disabled.
Connection Mode	Client PIN	Please set the client PIN (PIN code of the connected equipment). After setting the PIN, start automatically when you press the "Save" button.
	PBC	After setting the PBC, start automatically when you press the "Save" button. Please press the WPS button on the connected equipment within 120 seconds. Also, after setting the PBC, start automatically even when press the "Wi-Fi/WPS" button.
	Device PIN	After setting the device PIN, and press the "Save" button, you are prompted to enter a PIN code to the wireless client. "Next" button, you should be able to connect.

Caution

· If broadcast of SSID is disabled, may be unable to connect. Want to use WPS, please enable the broadcast of the SSID.

Router

Basic

Allows to configure the UPnP(Universal Plug and Play).

Caution

・ When do not need from security point of view, the recommend to disabled.

LAN

This item will do the following settings.

・IP addresses(router)

・Subnet Mask

・DHCP Server

・DHCP IP Pool

・DHCP Lease Time

・DNS Mode

Setting Items	Setting range	Description
IP Address	192.168.0.1	Is the router IP address in the LAN. "192.168.0.1" At the time of purchase has been set.
Subnet Mask	255.255.255.0	Is the subnet mask in the LAN.
DHCP Server	Enable	DHCP server assigns IP addresses automatically to devices within the LAN.
	Disable	DHCP server function will be disabled.
DHCP IP Pool	192.168.0.10 ~192.168.0.50	To set the range of IP addresses that the DHCP server to do the assignment.
DHCP Lease Time	Half Hour 、 One Hour、Two Hours、 Half Day、One Day、	Sets the expiration time of the assigned IP address. If exceed the set time, IP address will be

	Two Days 、 Half Week 、 One Week 、 Two Weeks	assigned automatically again.
DNS Mode	Auto	IP address of the DNS server will be set automatically.
	Manual	Manually set the IP addresses of DNS server .

Static DHCP

Static IP address list you can set the IP address assigned to the client.

The static IP address list can register up to 10 units.

Setting Items	Description
Hostname	Specifies the device to assign IP address.
MAC Address	Specifies the MAC address to assign IP address.。
IP Address	Specifies the assign IP address.
State	When select a this item, will be enabled.

IP Filter

IP filtering feature is the ability to control access to specific IP address.

Setting Items		Description
IP Filter Control	No Filtering	IP filtering will be disabled.
	Block all in list	To blocks access to the IP address that is registered in the list.
IP Filter List	IP Address(From)	Specifies the starting IP address for a range of IP filtering.
	IP Address(To)	Specifies the ending IP address in the range of IP filtering.
	Port	Specify the port number of the target filtering.
	Protocol	Specifies the IP protocol type to be filtered.

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URL Filter

Is the ability to control access to specific URL.

Setting Items		Description
URL Filter Control	No Filtering	URL filtering feature will be disabled.
	Block all in list	To blocks access to the URL that registered.
URL Filter List	URL Address	Specifies the URL address to be filtered.

Device List

Devices that are connected will be displayed.

Display Items：Hostname、IP Address、MAC Address、Connect Mode

System

Basic setting

Sets the "login password", "language", "system work mode", "off time of backlight"

Setting Items		Description
Change Password	WEP key (initial value)	Change the login password. Password at the time of purchase is "WEP key".
Language	English	Sets to English the language of WM340 setting tool.
	Japanese	Sets to Japanese the language of WM340 setting tool.
System work mode	performance prefer	Power save mode will be disabled.
	power save mode	Goes to sleep automatically when data no-communication state and WAN, LAN is not connected. In power save mode, communication is not possible. *USB connection will not be in power save mode.
The standby timer of a	Invalid	

battery	5 minutes
（It is displayed only when power-saving mode is chosen in system action mode.）	10 minutes
	20 minutes
	30 minutes
	40 minutes
	50 minutes
	60 minutes
Turn Off Backlight	Never
	After 10 seconds
	After 30 seconds
	After 60 seconds

System log

Save the system log of WM340.
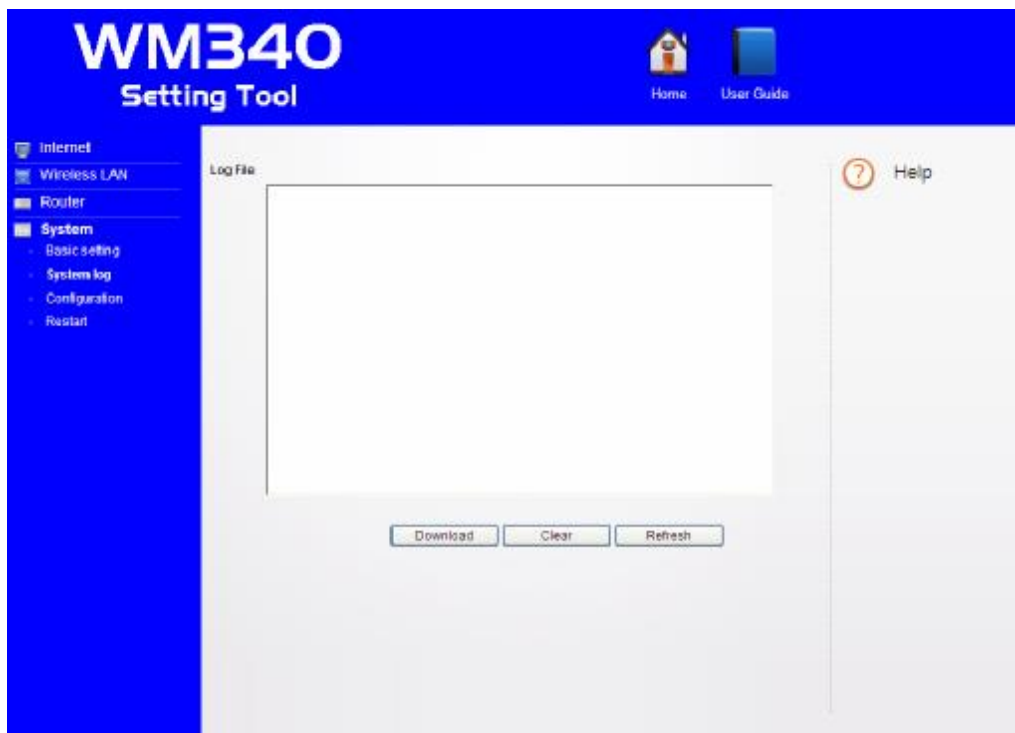
Setting Items	Description
Download	To Download the log that is displayed.
Clear	To clear the log that is displayed.
Refresh	Update the log.

Configuration

This item will be the following functions.

・Reset(Settings)

・Backup Setting

・Restore Setting

・Firmware Update

Setting Items	Description
Reset	Back to the initial state. However, the state of the USIM card is not changed.
Backup Settings	Save the settings on your computer.
Restore Settings	Restore the configuration.
Firmware Update	Update the firmware.

Restart

Restart the system.
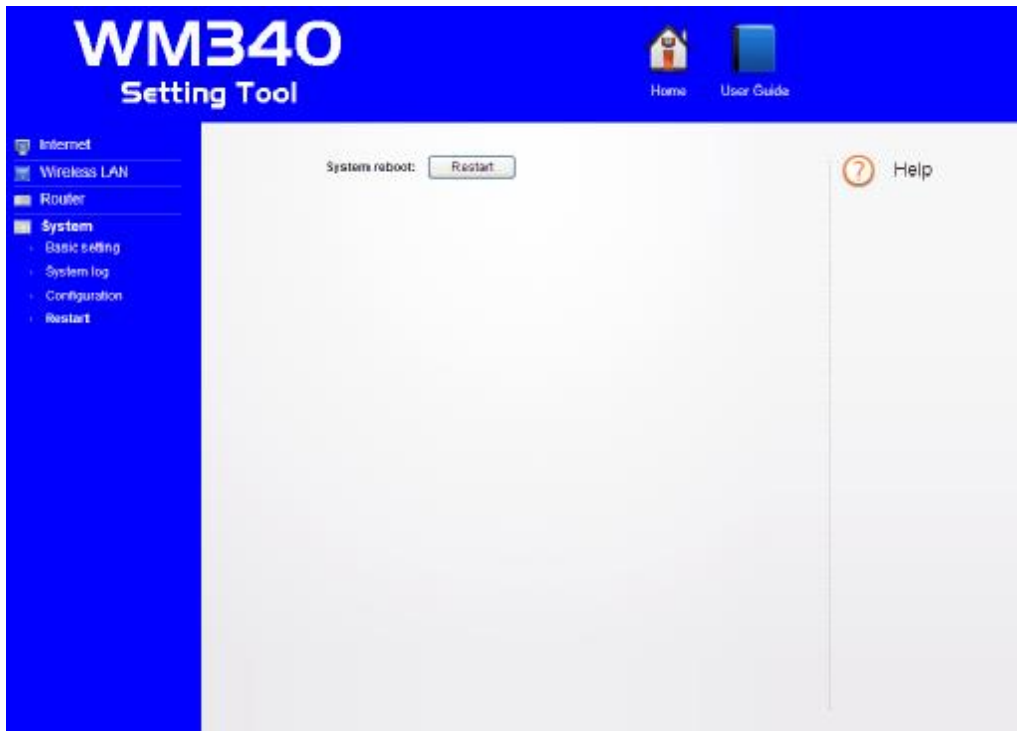
Appendix

Product Specifications

Items	Description
Product Name	WM340
External Dimensions	91.2mm(W)×62mm(H)×23.6mm(D)
Weight	Approximately 130g
Battery	Lithium-ion polymer 3.7V 2930mAh
Working Time	Standby time ： 40 H Communication time ： 8 H(3G)
Power Consumption	At maximum communication：Approximately 900mA At general communication：Approximately 420mA At in standby：Approximately 140mA
Operating Environment	Operating temperature range ： 0〜45˚C Operating humidity range ： 10〜90% Storage Temperature Range ： -20〜60˚C Storage humidity range ： 5〜95%
Frequency Range	Wireless LAN IEEE802.11b/g/n：1〜13CH (2412〜2472MHz) WAN GSM、GPRS、EDGE：850MHz/900MHz/1800MHz/1900MHz WCDMA、HSUPA、HSDPA：2100MHz/800MHz
Compliance Standards	Wireless LAN IEEE802.11b、IEEE802.11g、IEEE802.11n WAN WCDMA、HSUPA、HSDPA、GSM、GPRS、EDGE
Data transfer rate	Wireless LAN IEEE802.11b (1/2/5.5/11Mbps) IEEE802.11g (6/9/12/18/24/36/48/54Mbps) IEEE802.11n (Maximum150Mbps) WAN WCDMA (384kbps)、HSUPA (5.7Mbps)、HSDPA (14.4Mbps) GPRS(85.6Kbps)、EDGE(237Kbps) *Transfer rate will be best effort.
AC adapter	Power：AC100V 〜 240V Input current：Maximum 0.3A

	Output voltage ／ current：5.0V／1.5A

Trademarks

*Windows, Windows 7, Windows Vista, Windows XP, Internet Explorer are trademarks or registered trademarks of the Microsoft Corporation in the U.S. and other country.

*Macintosh, Mac, Mac OS are trademarks or registered trademarks of the Microsoft Corporation in the U.S. and other country.

*Android are trademark or registered trademark of Google Inc.

*The other company names and brand names described in this manual are the trademarks or registered trademarks of the respective companies.

CE Warning

Users have to use the connection to USB interfaces with USB 2.0 version or higher.

Caution

Risk of explosion if battery replaced aced by an incorrect type.

Dispose of used batteries according to the instructions.

Please make sure the temperature for adapter will not be higher than 45˚C

Please make sure the temperature for device will not be higher than 45˚C

The adapter shall be installed near the equipment and shall be easily accessible.

Only can use adapter as below:Adapter mfg: NetIndex Inc.

Adapter model: SWFADP-100

I/P:100-240V,50/60Hz,0.3A,O/P 5V,1.5A

The plug considered as disconnect device of adapter

Declaration of Conformity

Model: WM340

Intended use: LTE Hotspot

Complies with the essential requirements of Article 3 of the R&TTE 1999/5/EC Directive, if used for its intended use and that the following standards have been applied:

1. **Health (Article 3.1(a) of the R&TTE Directive)**
   - n   EN 62311 :2008/EN 62209-2:2010/EN 62479:2010
2. **Safety (Article 3.1(a) of the R&TTE Directive)**
   Applied Standard(s):
   - n   EN 60950-1:2006+A11:2009
3. **Electromagnetic compatibility (Article 3.1 (b) of the R&TTE Directive)**
   Applied Standard(s):
   - n   EN 301 489-1 V1.9.2/-7 V1.3.1/-17 V1.3.1/-24 V1.5.1
4. **Radio frequency spectrum usage (Article 3.2 of the R&TTE Directive)**
   Applied Standard(s):
   - n   EN 301 511 V9.0.2
   - n   EN 301 908-1/ -2 V5.2.1
   - n   EN 300 328 V1.7.1

All the reports of the applied standards have the Positive Opinion of Notified Body:

PHONEIX TESTLAB, Königswinkel 10 D-32825 Blomberg, Germany

Identification mark: **0700** (Notified Body) **CE** $C\!\in$ 0700 ⨁

FCC Regulations:

∎ 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 device has been tested and found to comply with the limits for a Class B digital device, pursuant 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 radiated 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 to correct the interference by one or more of the following measures:

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

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

4 RF Exposure Information (SAR)

This device meets the government's requirements for exposure to radio waves.
This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

The exposure standard for wireless devices employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg. *Tests for SAR are conducted using standard operating positions accepted by the FCC with the device transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. This is because the device is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station, the lower the power output.

The highest SAR value for the model device as reported to the FCC when worn on the body, as described in this user guide, is 1.26 W/kg (Body-worn measurements differ among device models,

depending upon available accessories and FCC requirements.)

While there may be differences between the SAR levels of various devices and at various positions, they all meet the government requirement.

The FCC has granted an Equipment Authorization for this model device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model device is on file with the FCC and can be found under the Display Grant section of www.fcc.gov/oet/ea/fccid after searching on FCC ID:WLPWM340

For body worn operation, this device has been tested and meets the FCC RF exposure guidelines for use with an accessory that contains no metal and the positions the handset a minimum of 1 cm from the body. Use of other accessories may not ensure compliance with FCC RF exposure guidelines. If you do not use a body-worn accessory and are not holding the device at the ear, position the handset a minimum of 1 cm from your body when the device is switched on.