onetouch *Home*
H200

User Manual

FCC Statement

This equipment 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 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 to correct the interference by one 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.

FCC Caution

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

FCC RF Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. The antenna used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.
There is no country code option in the WIFI setting.
In the USA, only 11 channels are available for 802.11 operation, the following table provides the frequencies for the 11 channels:

Channel Number	Center Frequency (MHz)
1	2412
2	2417
3	2422
4	2427
5	2432
6	2437
7	2442
8	2447
9	2452
10	2457
11	2462

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1 Hardware Description and Device connection

1.1 Hardware Description

1.1.1 LED Indicator Status

This 3G router contains 8 LED indicators. User can easily check the situation of device by observing LED indicator's status

Definition of LED Indicators follows below table.

LED Indicator	Status	Description
PWR	Light	Power on and normal operation
	Off	Power off or failure
WPS	Light	Connected
	Blink	Connecting
	Off	Closed or not used
LAN1/2	Light	Lan port is on without data transporting
	Blink	Lan port is on with data transporting
	Off	Lan port is off
PPP	Light	Connected
	Blink	Data transporting
	Off	Connection off
WiFi	Light	WiFi radio is on without data transporting
	Blink	WiFi radio is on with data transporting
	Off	WiFi radio is off
PHONE	Light	In use
	Off	Stand by
2G/3G	Light	Registered on network

LED Indicator	Status	Description
	off	Disconnected to network

1.1.2 Interface Description
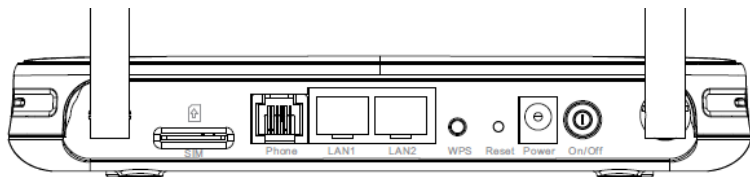
Interface and button description follows the below table.

Interface/Button	Description
SIM slot	Place to insert SIM card
VOIP	Voice interface (RJ11) for phone connection
Lan1/2	LAN port for switch, concentrator and PC with network adaptor
WPS	WPS PBC mode control button.
Reset	By pressing the button for 3-6 seconds, the system will restore the default setting.
Power	Interface for power adaptor
On/Off	Press for power on/off

1.2 Device Connection

1.2.1 Device Install

Device should be connected by following procedure:

Step 1: insert the RJ45 cable in package to the LAN port of your device

Step 2: insert another port of RJ45 cable to your PC

Step 3: connect the power adaptor to the power slot of your device

2   PC Setting

In default setting, the IP address of LAN of the device is 192.168.1.1, DNS server address is 255.255.255.0，DHCP Server on.
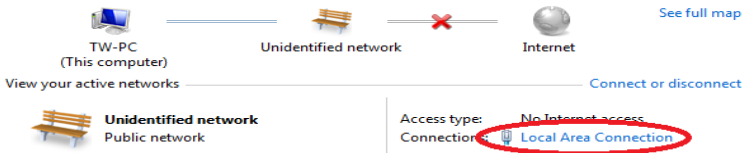
When PC connected to Onetouch-H200, normally the user needs to set the TCP/IP of PC according to follow procedure.

Step 1: Click the right bottom as red part, then click "Open Network and Sharing Center".
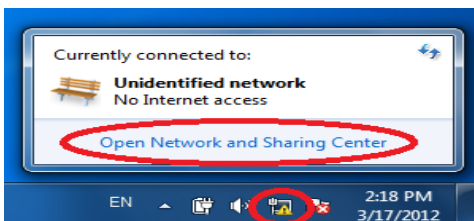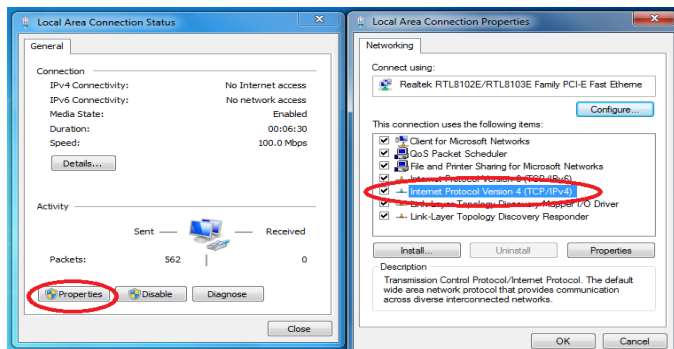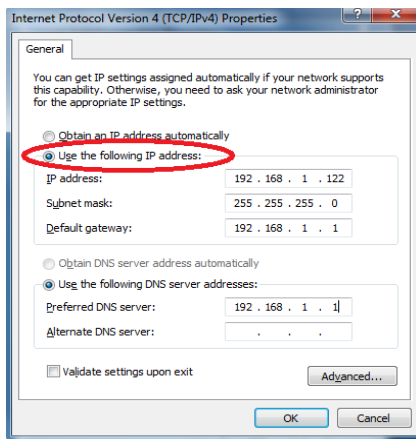

Step 2:Click "Local Area Connection"

Step 3: Click the "Properties" of Ethernet, then double-click "TCP/IPv4"

Step 4: Normally the user should choose "Obtain an IP address automatically, then Click "OK". Also the user can choose "Use the following IP address" as below pictures, set "IP address" as 192.168.1.X (any figure from 2-254), DNS server address as 255.255.255.0.

Step 5: after configuration, select "Start", input "ping 192.168.1.1" in command to check if PC and 3G router has been right connected.

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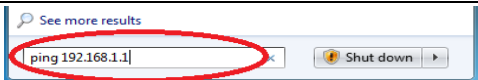
Note:

192.168.1.1 is the default IP address of LAN of the 3G router. If the IP address has been changed, please modify the IP address to current one.
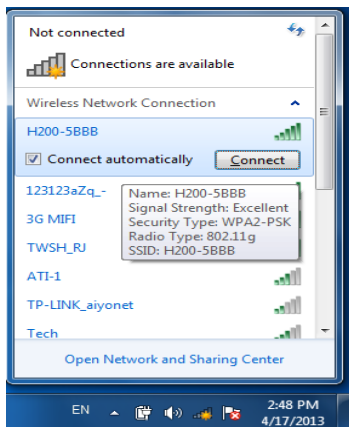
Step 6: if connected successfully, the page will show like below.

3 WIFI Connection

The connection of WIFI adaptor of PC to OneTouch-H200 should follow below steps.

Step 1: Click "WIFI connection" in right bottom of desktop.

Step 2: Choose the right WIFI hotspot, click "Connect", when it shows "connected", it means PC has been connected to WIFI.

Note:

Default SSID ofOneTouch-H200 is H200-XXXX (XXXX is the last four digits of its Mac)

Step 3: If you have problem with the SSID of the device, please log on the device, choose "Wireless Setup"-"Basic Setup", then check the current SSID.
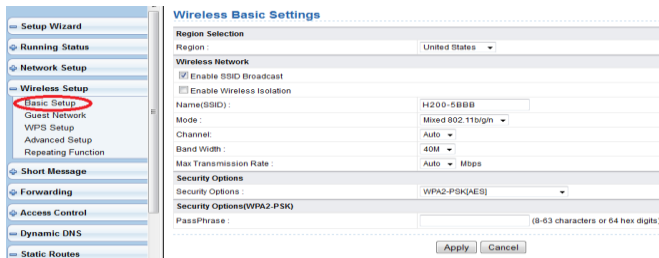
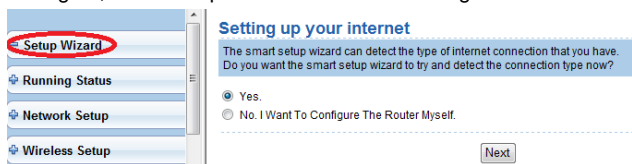# 4   Web Configuration

4.1   Language Setting

After log on Web page, user can set the language in the up-right part of web page.
Simple Chinese and English have been offered. User can choose either one of
them, then click "Apply".

4.2   Setup Wizard

Through Setup Wizard, user can configure basic networkparameter.

Fast configuration should follow below procedures:

Step 1: After log on, click "Setup Wizard" to start the configuration.

Step 2: if user has good knowledge of router configuration, you can select "No. I Want
To Configure The Router Myself". If user wants to use Setup Wizard to configure the
router, select "Yes", then click "Next", the page will show like below:

Description of the page is like below page.

Domain	Description
Enable	When click-on, the WIFI LED indicator will be green-lighted, client can connect to the router through WIFI
SSID	Wireless network name. Maximum the SSID can contain 32 character, including letter, digit, underline. The SSID differs capital and small.
Visibility Status	Set the visibility of SSID
Security Options	Security option is used for encryption of the wireless network, preventing from unauthorized save and load and monitor. Five options have been provided. Please refer to wireless setting part for the details.

After configuration, please click "Apply", the wireless configuration will be finished then.

4.3   Network Setup

4.3.1   WAN Interface Setup

Click "Network Setting"-"WAN Interface Setting

WAN Interface Settings

2G/3G	3G
ISP	WCDMA
Account	
Password	••••••••••
Dial Number	*99#
Modem Baudrate	460800
Authentication Method	AUTO
APN	3gnet
MTU	1492 (64-1492)
Connection Mode	Manually Connect
Idle Timeout (In minutes)	5
Domain Name Server (DNS) Address	
⦿ Get Automatically From ISP	
○ Use These DNS Servers	
Primary DNS	210 . 22 . 70 . 3
Secondary DNS	211 . 95 . 1 . 97

Apply   Cancel

In above page, user can configure the relevant parameter according to actual requirement.

Domain	Description
2G/3G	AUTO/2G/3G。
ISP	Choose the ISP that provides the SIM card
Account	Input the account provided by ISP
Password	Input the password provided by ISP
Dial Number	Input the dial number provided by ISP (Default setting as above)
Modem Baudrate	3G network transporting speed
Authentication Method	Authentication method of 3G dial-up
APN	Input access point name
MTU	Maximum transmission unit

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Domain	Description
Connection Mode	● Auto Connect: when the user chooses "Auto Connect", the system will connect automatically. If disconnected by other reason, the system will try to re-connect every 10 seconds. If the user pay monthly for the service, it is recommended to adopt this mode. ● Dial on Demand: when the user choose "Dial on Demand", if there is any request for visiting the internet, the system will dial up automatically. If non-operation during the set idle timeout, the system will disconnect by itself. This mode is suitable for user who pays according time. ● Manually Connect: when the user chooses "Manually Connect", he should dial up manually.
Idle Timeout (In minutes)	If stand by time reaches the set value, the connection will be cut.
Domain Name Server (DNS) Address	Input the DNS provided by ISP. If you ISP didn't provide it, please choose "Get Automatically From ISP".
Primary DNS	If necessary, input IP address of primary DNS.
Second DNS	If ISP provides another DNS, input the IP address here.

4.4 Wireless Setup

4.4.1 Basic Setup

Click "Wireless Setup"-"Basic Setup"

Wireless Basic Settings

Region Selection	
Region :	United States ▼
Wireless Network	
☑ Enable SSID Broadcast	
☐ Enable Wireless Isolation	
Name(SSID) :	H200-5BBB
Mode :	Mixed 802.11b/g/n ▼
Channel:	Auto ▼
Band Width :	40M ▼
Max Transmission Rate :	Auto ▼ Mbps
Security Options	
Security Options :	None ▼

Apply Cancel

Domain	Description
Region	Choose the region you are located in
Enable SSID Broadcast	When enable SSID broadcast, the SSID will be broadcasted in wireless network and visible to user.
Enable Wireless Isolation	When enable wireless isolation, the same SSID user can't communicate with each other.
Name (SSID)	Wireless network name. Maximum the SSID can contain 32 character, including letter, digit, underline. The SSID differs capital and small.

Domain	Description
Mode	Choose the wireless mode, default as "Mixed 802.11b/g/n" ● 802.11b only–Maximum Rate is 11 Mbps。 ● Mixed 802.11b/g –Compatible with 802.11b and 802.11g ● Mixed 802.11b/g/n –Compatible with 802.11b, 802.11n and 802.11g
Channel	Choose wireless network channel. Default set as "Auto", the device will search for the best available channel.
Band Width	Choose the right band width. Band width of 20M provides maximum 130Mbps rate. Band width of 40M provides maximum 270Mbps.
Max Transmission Rate	All the supported rates have been listed. Please choose the right one as the maximum transmission rate.
Security Options	Security option is used for encryption of the wireless network, preventing from unauthorized save and load and monitor. None ▼ None Wep WPA-PSK[TKIP] WPA2-PSK[AES] WPA-PSK[TKIP]+WPA2-PSK[AES]