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

Table of Contents

1	Hardy	vare De	escription and Device connection	2
	1.1	Ha	rdware Description	2
	1	.1.1	LED Indicator Status	2
	1	.1.2	Interface Description	
	1.2	De	evice Connection	
	1	.2.1	Device Install	
2	PC Se	etting		4
3	WIFI	Conne	ction	6
4	Web (Configu	ration	7
	4.1	La	nguage Setting	
	4.2	Se	tup Wizard	8
	4.3	Ne	etwork Setup	
	4	1.3.1	WAN Interface Setup	
	4.4	Wi	ireless Setup	
	4	4.4.1	Basic Setup	

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
	Light	Power on and normal operation
PWR	Off	Power off or failure
	Light	Connected
WPS	Blink	Connecting
	Off	Closed or not used
	Light	Lan port is on without data transporting
LAN1/2	Blink	Lan port is on with data transporting
	Off	Lan port is off
	Light	Connected
PPP	Blink	Data transporting
	Off	Connection off
	Light	WiFi radio is on without data transporting
WiFi	Blink	WiFi radio is on with data transporting
	Off	WiFi radio is off
DUONE	Light	In use
PHONE	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"

View your basic network information and set up connections



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

🔋 Local Area Connection Status	🗴 🕴 Local Area Connection Properties
Local Area Connection Status General Connection IPv4 Connectivity: No Internet access IPv4 Connectivity: No network access Media State: Enabled Duration: 00:06:30 Speed: 100.0 Mpps Details	Local Area Connection Properties Networking Cornect using: Reader, RTL8102E/RTL8103E Family PCI-E Fast Etheme Configure This connection uses the following tems: Configure Configure
Activity Sent Received Packets: 562 0 [Properties] Disable Diagnose Close	M Define Magnetic PD Properties M Link-Layer Topology Discovery Responder Install. Properties Install. Uninitial Properties Description Transmission Central Protocol/Internet Protocol. The default with a communication across diverse refereconnected networks.

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.

Internet Protocol Version 4 (TCP/IPv4)) Properties				
General					
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.					
Obtain an IP address automatica	ally				
Use the following IP address:	>				
IP address:	192.168.1.122				
Subnet mask:	255.255.255.0				
Default gateway:	192.168.1.1				
Obtain DNS server address automatically					
Ouse the following DNS server ad	dresses:				
Preferred DNS server:	192.168.1.1				
Alternate DNS server:	• • •				
🔲 Validate settings upon exit	Ad <u>v</u> anced				
	OK Cancel				

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.

User Manual of Onetouch-H200 3G Router



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.

Pinging 19	2.168.1.1 wit	h 32 bytes	of data	-
Reply from	192.168.1.1:	bytes=32	time<1ms	TTL=64
Reply from	192.168.1.1:	bytes=32	time<1ms	TTL=64
Reply from	192.168.1.1:	bytes=32	time<1ms	TTL=64
Reply from	192.168.1.1:	bytes=32	time<1ms	TTL=64

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.

Curre	ently connected H200-5BBB Internet acce	l to: ss	÷7	•
Wirel	ess Network Co	nnection	^	=
H200	-5BBB	Connected	llee	
		Disconn	ect	
TWSF	H_RJ		Il	
3G M	IFI		311	
Tech				
H200			311	
myLO	SNet			
snoo	ker		-all	-
	Open Network	and Sharing Cer	nter	
	EN 🔺 🛱	🕪 .all 🍡	3:06 PN 4/17/201	/I 13

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.

6 NF		wireless basic Settings					
setup wizard		Region Selection					
Running Status	- 1	Region : United States -					
Network Control		Wireless Network					
Network Setup		Enable SSID Broadcast					
- Wireless Setup	- 1	Enable Wireless Isolation					
Basic Setup		Name(SSID) :	H200-5BB	8			
Guest Network E WPS Setup		Mode :	Mixed 802.11b/g/n 👻				
		Channel:	Auto 👻				
Repeating Function		Band Width :	40M -				
Max T		Max Transmission Rate :	Auto 👻 Mit	ops			
Short Message		Security Options					
Forwarding	_	Security Options :	WPA2-PSK[AES]		-		
Assess Control		Security Options(WPA2-PSK)					
Access Control		PassPhrase :			(8-63 characters or 64 hex digits		
Dynamic DNS	_						
Static Doutes			Apply	Cancel			

4 Web Configuration

4.1 Language Setting

ALCATEL ONetouch

Anguage: English -

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.

	ĥ	Setting up your internet		
Setup Wizard	Ш	The smart setup wizard can detect the type of internet connection that you have.		
Running Status	E			
Network Setup		 Tes. No. I Want To Configure The Router Myself. 		
Wireless Setup		Next		

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:

3 G	
ISP	WCDMA -
Account	
Password	
Dial Number	*99#
Modem Baudrate	460800 -
Authentication Method	AUTO -
APN	3gnet
MTU	1492 (64-1492)
Connection Mode	Dial On Demand 👻
Idle Timeout (In minutes)	5
Domain Name Server(DNS) Address	
Get Automatically From ISP	
Use These DNS Servers	
Primary DNS :	· · · · · · · · · · · · · · · · · · ·
Secondary DNS :	

Domain	Description	
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	Authentication method of 3G dial-up	
Method		
APN	Input access point name	
MTU	Maximum transmission unit	
Connection Mode	Connection mode of 3G dial-up	
Idle Timeout (In	If connection mode set as "dial on demand", set the idle	
minutes)	timeout here to apply non-operation disconnecting.	
Domain Name	Input the DNS provided by ISP. If you ISP didn't provide	
Server (DNS)	it, please choose "Get Automatically From ISP".	
Address		
Primary DNS	If necessary, input IP address of primary DNS.	
Secondary DNS	If ISP provides another DNS, input the IP address here.	

Description of the page is like below table.

Step 3: Configure WIFI network

WIFI fast configure as below:

Wireless Network

Enable Your Wireless	Network :			
LIADIE TOUL WILLIEDS NELWOIN.				
Enable :				
Wireless Network Na	me (SSID) :	H200		
Visibility Status :		Visible Invisible		
Security Options:				
None	© WEP	WPA-PSK	O WPA2-PSK	O WPA-WPA2-PSK
Security Mode(None)				
Select this option if you do not want to activate any security features.				
		Back	Apply Cancel	

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

2G/3G	3G 👻
ISP	WCDMA -
Account	
Password	•••••
Dial Number	*99#
Modem Baudrate	460800 -
Authentication Method	AUTO -
APN	3gnet
мто	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

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

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	If stand by time reaches the set value, the connection will	
minutes)	be cut.	
Domain Name	Input the DNS provided by ISP. If you ISP didn't provide it,	
Server (DNS)	please choose "Get Automatically From ISP".	
Address		
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"

Wire	eless	Basic	Settings	

Region Selection	
Region :	United States 🔻
Wireless Network	
Enable SSID Broadcast	
Enable Wireless Isolation	
Name(SSID):	H200-5888
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	When enable SSID broadcast, the SSID will be	
Broadcast	broadcasted in wireless network and visible to user.	
Enable Wireless	When enable wireless isolation, the same SSID user can't	
Isolation	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 Wep WPA-PSK[TKIP] WPA-PSK[TKIP] WPA-PSK[AES] WPA-PSK[TKIP]+WPA2-PSK[AES]