

FWP

Getting connected with your device

LEGAL INFORMATION

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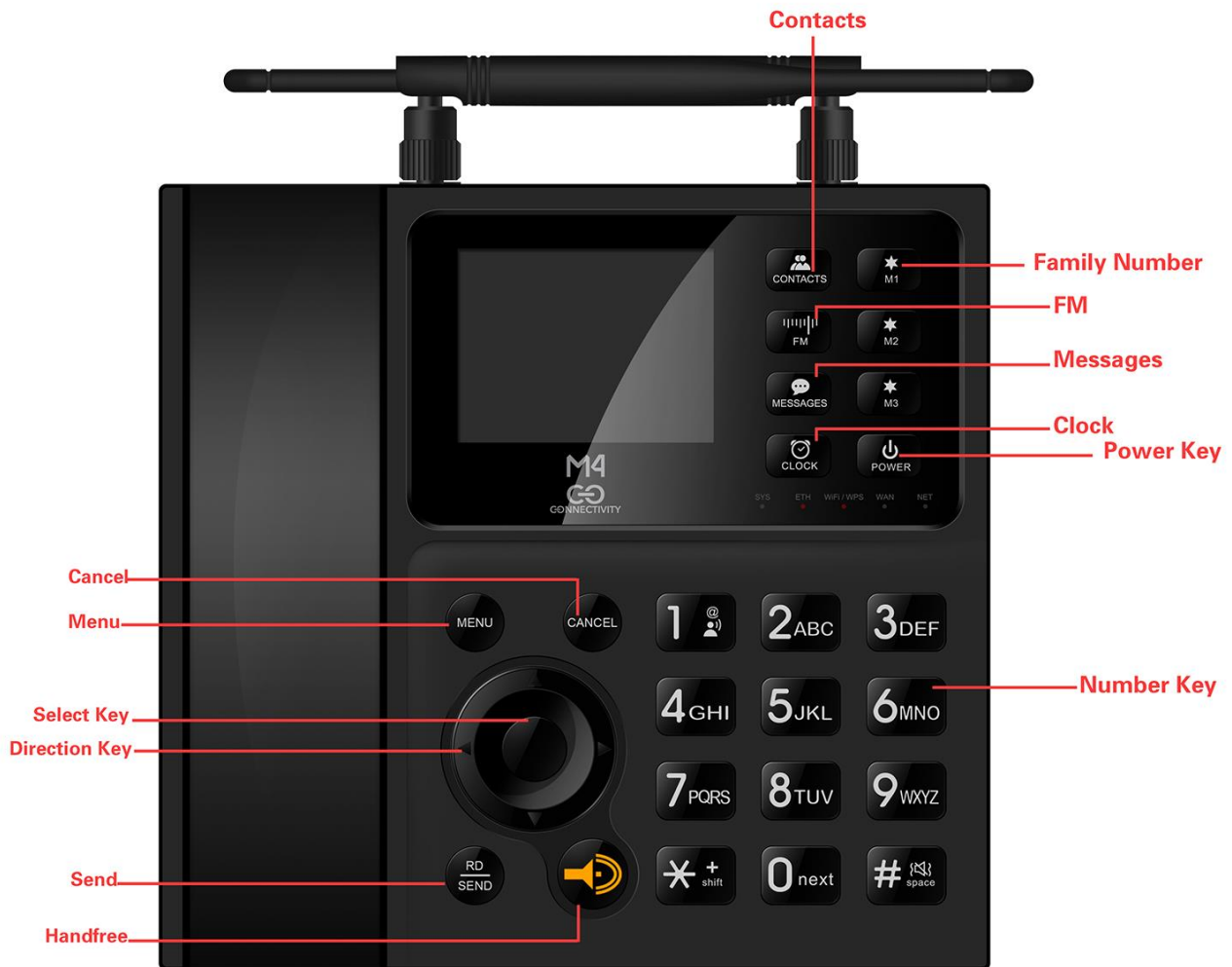
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We reserve the right to amend the technical parameters of the user manual. We will improve this user manual and adjust the printing errors in time without notification in advance.

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1. Knowing the appearance and key functions of your device



1.1. Key functions

The phone contains the following keys:

On and off key

The power key is located on the right side of the keyboard. Press once to turn off the screen. If you press and hold the key, the phone will turn off.

Call key

The call key is located on the left side of the keyboard.

Press once to view the call records.

Navigation keys

The navigation keys are located on the left of the keyboard. Press the navigation keys to scroll and select Menu items and sub-menus.

Numeric keys

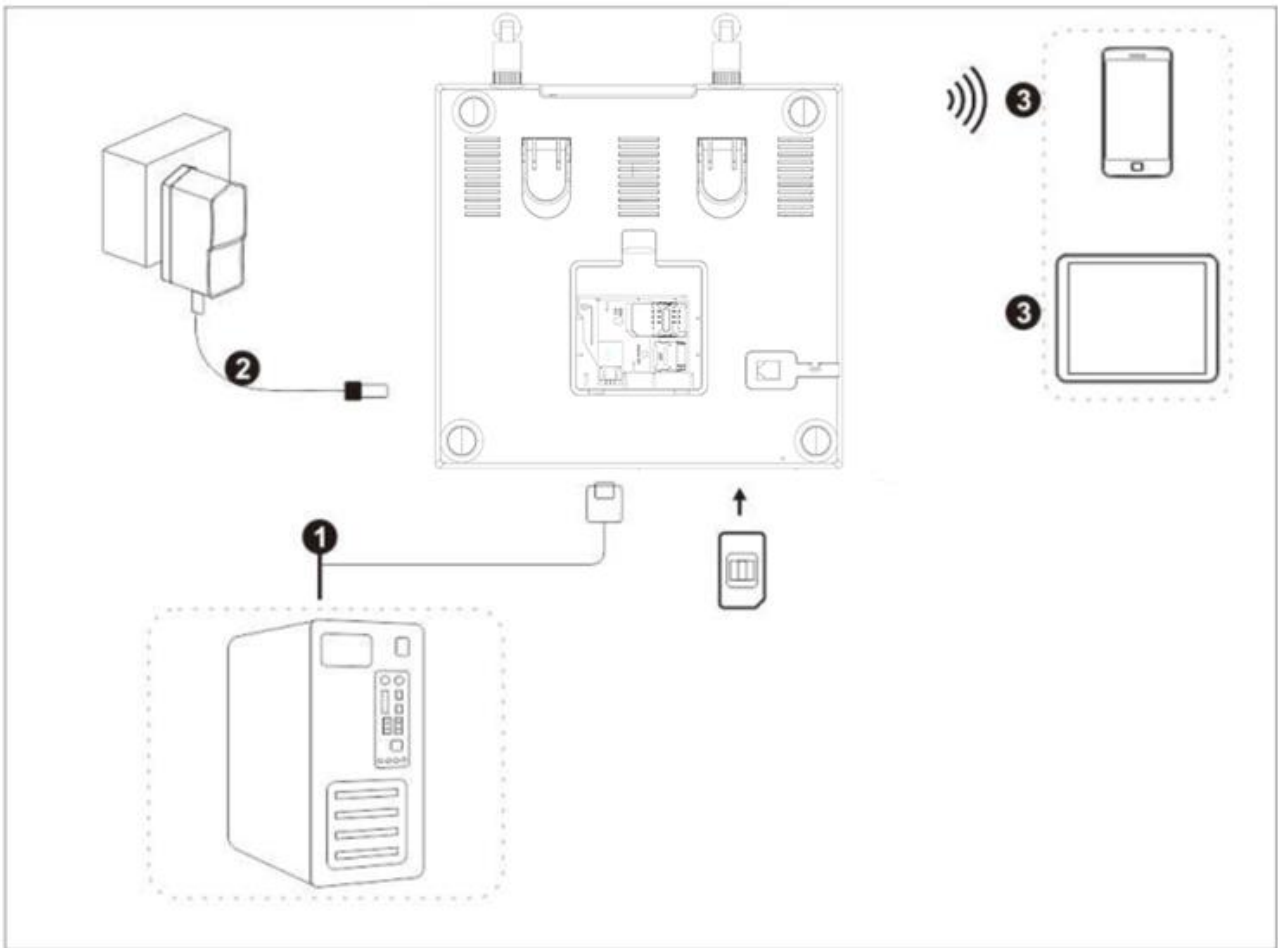
The numeric keys are located on the right of the keyboard. Press each number key to enter the numbers on the dial pad.

Shortcut keys

The shortcut keys are at the right upper of the keyboard. Each shortcut key is a shortcut to important applications.

2. Connecting your device

To start using your device, connect your device as the following schematic diagram.



Note:

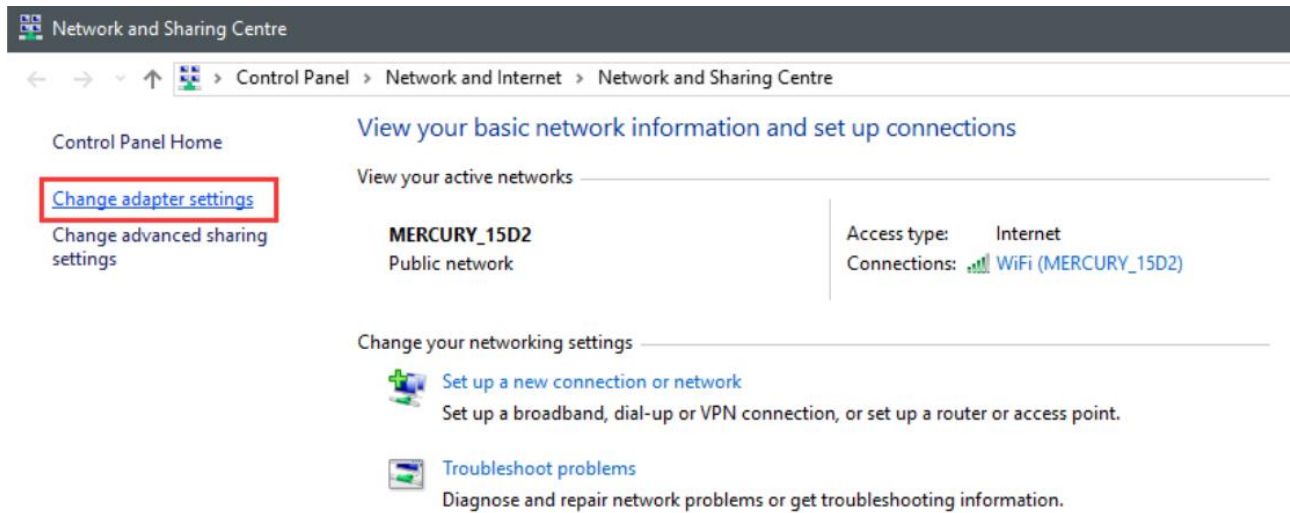
- ❶ means computer that should be connected with FWP by network cable.
- ❷ means DC adaptor.
- ❸ means wireless devices (e.g. phone, pad, laptop)

Install SIM: push the SIM from SIM slot. After hearing a “click”

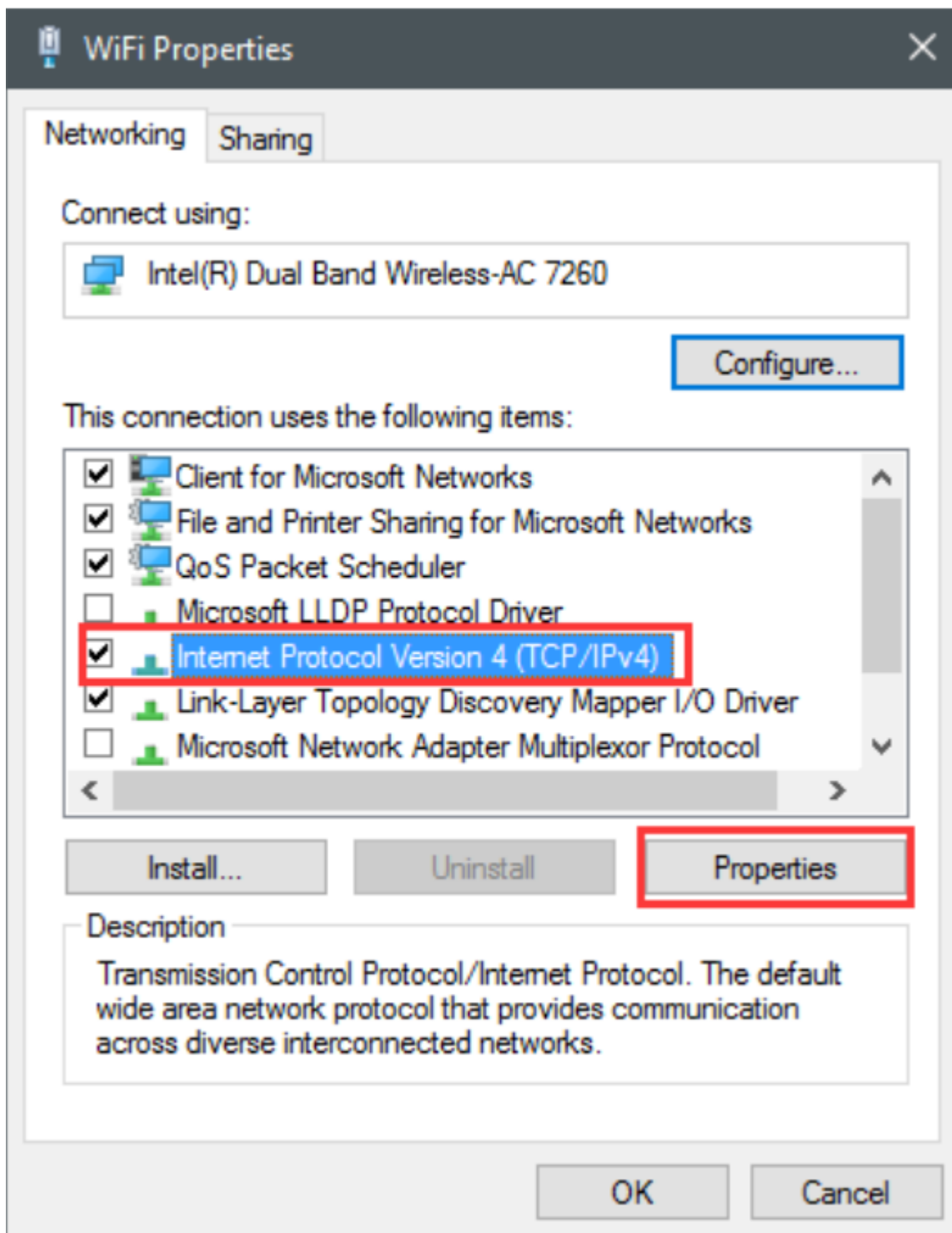
2.1. Configuring your PC

The following steps shows how to configure the Internet protocol in Windows 10 system for WIFI connection.

1. Go to Control Panel and find Network and Internet, and then go into Network and Sharing Centre. Select Change adapter settings.



2. Find Wireless Network Connection and right click it, and then click Properties. In WIFI Properties, double-click Internet Protocol Version 4(TCP/IPv4), or select Internet Protocol Version 4(TCP/IPv4) and then click Properties.



3. Select Obtain an IP address automatically, and Obtain DNS server address automatically. Click OK to confirm.

Internet Protocol Version 4 (TCP/IPv4) Properties

General Alternative Configuration

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 automatically

☐ Use the following IP address:

IP address: . . .

Subnet mask: . . .

Default gateway: . . .

☒ Obtain DNS server address automatically

☐ Use the following DNS server addresses:

Preferred DNS server: . . .

Alternative DNS server: . . .

☐ Validate settings upon exit

Advanced...

OK Cancel

3. Wireless connection

3.1. Normal Connect

Select the SSID on computer or mobile phone and click Connect. After inputting password, the WIFI can be used (default SSID and password can be seen on PWD sticker).

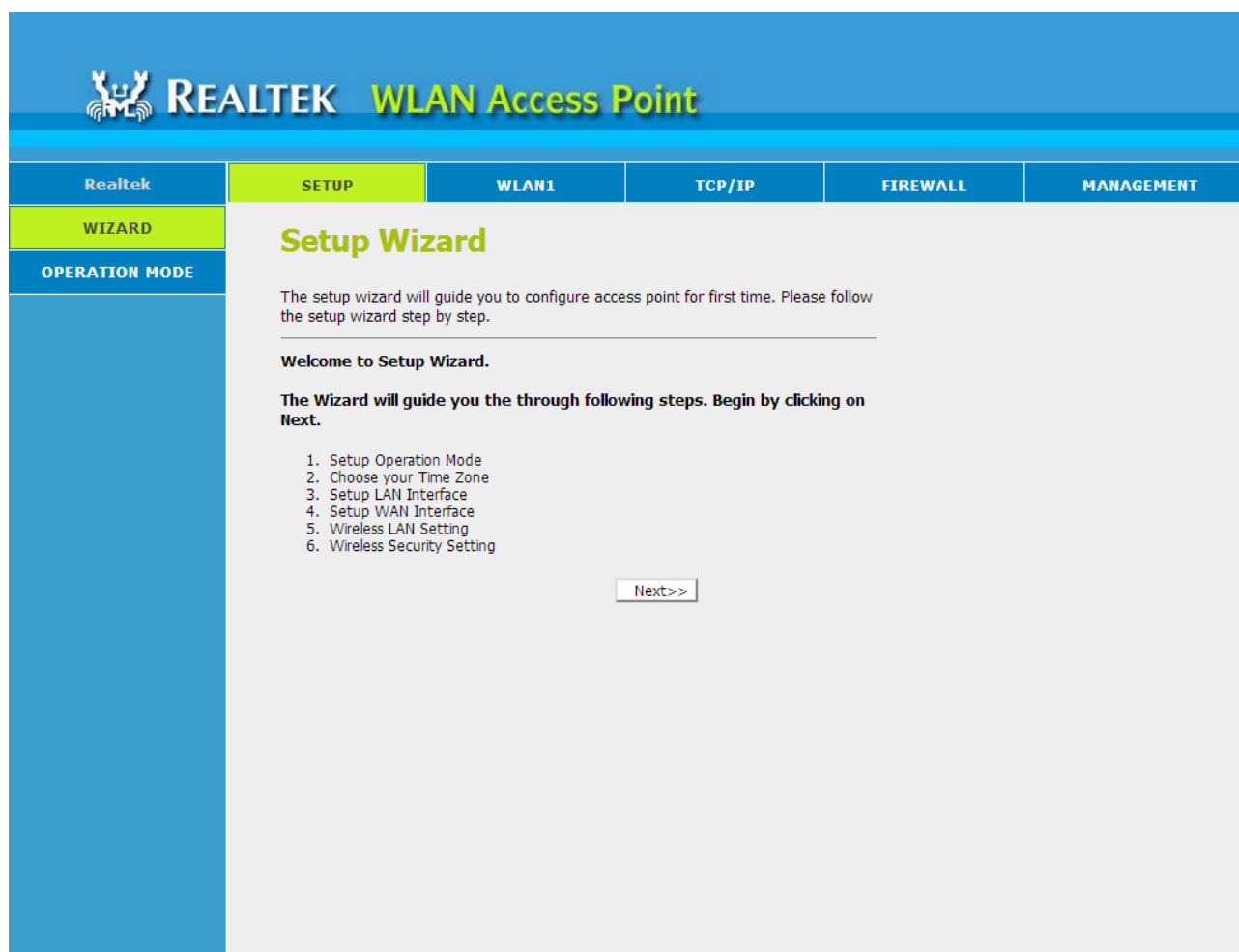


3.2. Web configuration

The device supports standard internet cable or WLAN wireless way to connect with computer or wireless devices. No matter what way to connect, please make sure to set the mode: obtain IP address as automatically.

Please enter “192.168.1.254” in the IE browser after the computer obtain the IP address. Then inputting username and password to access WEB UI. Router's default username and password can be seen on device sticker. For logging into the WEB UI, proposed browsers are as follows:

- at least IE 7.0
- at least Firefox 3.0
- at least Safari 4.0
- at least Opera 10.0
- at least Chrome 10.0



4.Main feature

4.1. Main menu

	Call history
	Contacts
	Message
	Settings
	Extra Applications
	Calendar

Note: The appearance of the icons of the applications may vary when the software is updated.

4.2. Status bar icon

You will find a series of icons that indicate the status of your phone.

	Battery Status: Shows the level of battery.
	CALL: Appears when one call is in progress.
	WIFI Spot: Appears when WIFI is enabled.
	SMS: Appears when there is a new unread SMS message.
	SIM CARD: Prompt insert a SIM card.
	Signal strength: Shows the received signal strength.
	FM: Appears when FM is enabled.
	Airplane: Appears when Airplane mode is enabled.



Alarm clock: Appears when the alarm clock is set.

4.3. Main features on phone menu

1) Voice Call

Make a call to a number in contacts

Press the left selection key to access the Menu and then press the Contacts icon. Use the navigation keys to select the desired contact. Press the call key to make a call.

Make a call to a number from the call record

Press the left selection key to access the Menu and then press the Call Log icon, or press the right selection key on the home screen with a shortcut to Call Logs. Use the navigation keys to select the desired contact. Press the call key to make a call.

Answer incoming calls

Press the left selection key or the call key to answer an incoming call, or press the right selection key or the power key once to reject a call.

Press the power key to hang up a call.

Manage multiple calls

To answer an incoming call in the middle of a conversation, you can press the call key to answer the new call and keep the first call on hold or you can combine the two calls.

Note: During the call, use the icons at the bottom of the screen to access the Contacts, access the keypad, activate the hands-free speaker, mute the microphone, hold the call on hold or record.

2) Contact

The mobile phone can store up to Contacts. The contacts store in the mobile phone and in the UIM card. After selecting a telephone number in the contacts, select option to perform the various operations like Edit, New, Write message, Delete, Delete multiple & more. Search function enables you to find contacts quickly.

3)Message

You can use Messaging to exchange text messages (SMS) with your friends on their mobile phones.

4)Settings

Audio Profiles:

In order to use this phone in different scenarios, set personalized ring tones and phone tone.

1. Need to set the scene mode, press the [OK key] to open the parameter setting interface.
2. You need to set the type and settings, the setup is complete, save the set value.
3. When the phone returns profile list, select the profile.

Display Settings:

You can change the settings of wallpaper, brightness, sleep time.

Date & time:

Set the phone to the reference time: time display format date display format.

Language & input:

You can set phone language and input methods.

More:

You can set airplane mode and mobile network.

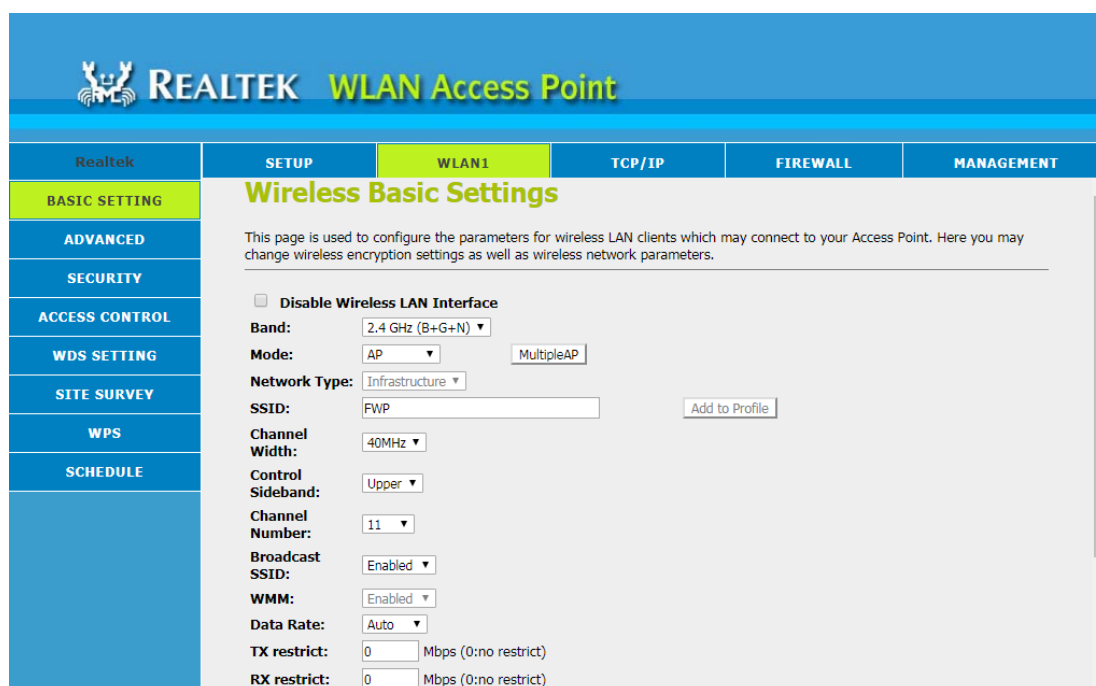
Call settings:

Enter dail screen, press Options and select call settings. You can set general settings, also can set SIM' s call settings.

4.4. Main features on WEB UI

1) Wireless Basic Settings

Log into the WEB UI. Select WLAN1. This page is used to configure the parameters for wireless LAN clients which may connect to your Access Point.



The screenshot displays the Realtek WLAN Access Point web interface. The top navigation bar includes 'Realtek', 'SETUP', 'WLAN1' (highlighted), 'TCP/IP', 'FIREWALL', and 'MANAGEMENT'. A left sidebar lists various settings: 'BASIC SETTING' (highlighted), 'ADVANCED', 'SECURITY', 'ACCESS CONTROL', 'WDS SETTING', 'SITE SURVEY', 'WPS', and 'SCHEDULE'. The main content area is titled 'Wireless Basic Settings' and contains a descriptive paragraph: 'This page is used to configure the parameters for wireless LAN clients which may connect to your Access Point. Here you may change wireless encryption settings as well as wireless network parameters.' Below this, there is a checkbox for 'Disable Wireless LAN Interface'. The configuration fields include: 'Band' (2.4 GHz (B+G+N)), 'Mode' (AP), 'Network Type' (Infrastructure), 'SSID' (FWP), 'Channel Width' (40MHz), 'Control Sideband' (Upper), 'Channel Number' (11), 'Broadcast SSID' (Enabled), 'WMM' (Enabled), 'Data Rate' (Auto), 'TX restrict' (0 Mbps), and 'RX restrict' (0 Mbps). An 'Add to Profile' button is located next to the SSID field.

2) LAN & WAN SETTING

Log into the WEB UI. Select TCP/IP. This page is used to configure the parameters for local area network which connects to the LAN port of your Access Point.



REALTEK WLAN Access Point

WLAN Access Point	SETUP	WLAN1	TCP/IP	FIREWALL	MANAGEMENT
LAN SETTING	LAN Interface Setup				
WAN SETTING	This page is used to configure the parameters for local area network which connects to the LAN port of your Access Point. Here you may change the setting for IP address, subnet mask, DHCP, etc.. IP Address: 192.168.1.254 Subnet Mask: 255.255.255.0 Default Gateway: 0.0.0.0 DHCP: Server DHCP Client Range: 192.168.1.100 - 192.168.1.200 Show Client DHCP Lease Time: 480 (1 ~ 10080 minutes) Static DHCP: Set Static DHCP Domain Name: Realtek 802.1d Spanning Tree: Disabled Clone MAC Address: 000000000000 Save Save & Apply Reset				

3) Port Forwarding

Log into the WEB UI. Select Port Forwarding in Firewall Settings menu, and then set port forwarding.



REALTEK WLAN Access Point

WLAN Access Point	SETUP	WLAN1	TCP/IP	FIREWALL	MANAGEMENT																
PORT FILTERING	Port Forwarding																				
IP FILTERING	Entries in this table allow you to automatically redirect common network services to a specific machine behind the NAT firewall. These settings are only necessary if you wish to host some sort of server like a web server or mail server on the private local network behind your Gateway's NAT firewall. ☐ Enable Port Forwarding Local IP Address: Local Port Range: - Protocol: Both Remote IP Address: Remote Port Range: - Comment: Save Save & Apply Reset Current Port Forwarding Table: <table border="1"> <thead> <tr> <th>Local IP Address</th> <th>Local Port Range</th> <th>Protocol</th> <th>Remote IP Address</th> <th>Remote Port Range</th> <th>Status</th> <th>Comment</th> <th>Select</th> </tr> </thead> <tbody> <tr> <td colspan="8"> Delete Selected Delete All Reset </td> </tr> </tbody> </table>					Local IP Address	Local Port Range	Protocol	Remote IP Address	Remote Port Range	Status	Comment	Select	Delete Selected Delete All Reset							
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Delete Selected Delete All Reset																					
MAC FILTERING																					
PORT FORWARDING																					
URL FILTERING																					
DMZ																					
802.1Q VLAN																					
ROUTE SETUP																					
QOS																					

4) MANAGEMENT

Log into the WEB UI. Select MANAGEMENT. This page shows the current status and some basic settings of the device.

 **REALTEK** **WLAN Access Point**

Realtek	SETUP	WLAN1	TCP/IP	FIREWALL	MANAGEMENT																																						
STATUS	Access Point Status This page shows the current status and some basic settings of the device. <table><tr><td colspan="2">System</td></tr><tr><td>Uptime</td><td>0day:0h:10m:41s</td></tr><tr><td>Firmware Version</td><td>v3.4.11E</td></tr><tr><td>Build Time</td><td>Sun Apr 28 11:26:51 CST 2019</td></tr><tr><td colspan="2">Wireless Configuration</td></tr><tr><td>Mode</td><td>AP</td></tr><tr><td>Band</td><td>2.4 GHz (B+G+N)</td></tr><tr><td>SSID</td><td>FWP</td></tr><tr><td>Channel Number</td><td>11</td></tr><tr><td>Encryption</td><td>WPA</td></tr><tr><td>BSSID</td><td>00:e0:4c:81:96:c1</td></tr><tr><td>Associated Clients</td><td>0</td></tr><tr><td colspan="2">TCP/IP Configuration</td></tr><tr><td>Attain IP Protocol</td><td>Fixed IP</td></tr><tr><td>IP Address</td><td>192.168.1.254</td></tr><tr><td>Subnet Mask</td><td>255.255.255.0</td></tr><tr><td>Default Gateway</td><td>192.168.1.254</td></tr><tr><td>DHCP Server</td><td>Enabled</td></tr><tr><td>MAC Address</td><td>00:e0:4c:81:96:c1</td></tr></table>					System		Uptime	0day:0h:10m:41s	Firmware Version	v3.4.11E	Build Time	Sun Apr 28 11:26:51 CST 2019	Wireless Configuration		Mode	AP	Band	2.4 GHz (B+G+N)	SSID	FWP	Channel Number	11	Encryption	WPA	BSSID	00:e0:4c:81:96:c1	Associated Clients	0	TCP/IP Configuration		Attain IP Protocol	Fixed IP	IP Address	192.168.1.254	Subnet Mask	255.255.255.0	Default Gateway	192.168.1.254	DHCP Server	Enabled	MAC Address	00:e0:4c:81:96:c1
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DENY OF SERVICE																																											
LOG																																											
UPGRADE FIRMWARE																																											
SAVE/RELOAD SETTING																																											
PASSWORD																																											

5.Care and maintenance

Thank you for choosing our device. Should you encounter any problem with the phone, please contact our dealer or qualified service provider.

Your phone is a finely designed and crafted product. Please use it with care. The following instructions will help you comply with the terms of the warranty and enjoy this product for many years:

1. Keep the device and all its parts and accessories out of the reach of children.
2. Keep the device dry, all kinds of liquid will erode the electronic circuit.
3. Do not use or store the device in a dusty place to avoid damaging the removable parts.
4. Keep the device away from hot places, high temperature can shorten the life of electronic device, warp or melt certain plastic and damage batteries.
5. Do not attempt to open or disassemble the device, non-expert handling may damage it.
6. Do not drop, crush or shake the device to avoid damaging the internal circuit board.
7. Do not use harsh chemicals, cleaning solvents or strong detergent to clean the device.
8. Do not paint the device or the paint may obstruct the removable parts and affect operation.

The above instructions apply to your device, battery, charger and other accessories. If any of them does not work properly, please send it to a qualified service provider.

6.Environmental protection

The device and its accessories (if included), such as the power adapter, headset, and battery should not be disposed of with household garbage.

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.

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

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.

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment should be installed and operated with minimum distance 20cm between the radiator& your body.