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Quick Start

1.1 Getting to Know Your Sonic 4G Mobile HotSpot

The package contains the following items. If any of the items are missing or damaged, contact your local dealer immediately.







Quick Start Guide Safety Information T-Mobile T'S &C'S

Sonic 4G Mobile HotSpot

Battery







Data cable

Charger

Storage Pouch

1.2 Connection Scenarios

The actual connection procedure depends on the operating system of the Wi-Fi device. The connection scenarios illustrated here are for your reference.

Scenario 1: Multi-device access via Wi-Fi

Scenario 2: One-device access via USB



Scenario 3: Multi-device access via Wi-Fi and USB at the same time





Five devices can be connected at the same time.

1.3 Appearance & Screen

1.3.1 Appearance

No.	ltem
1	Screen
2	WPS button
3	Power button
4	USB/Charge connector
5	Reset button
6	SIM card slot
7	microSD Card slot



1.3.2 Screen Elements

No.	Elements Description	Main view
1	Network signal indicator	12345678
2	Network indicator (2G, 3G or 4G)	
3	Wi-Fi indicator	
4	Wi-Fi users connected	
5	Internet indicator	T-Mobile — 9
6	Message indicator	
7	Number of unread messages	R
8	Battery/Charging indicator	
9	Operator Name	
10	Roaming indicator	

1.4 Installing & Charging

1.4.1 Installing the SIM Card and the Battery

Install the SIM card in the card slot. Be sure that the SIM card is facing in the right direction, as shown in figure 2, and then slide the SIM card into the slot.



1.4.2 Installing & Removing the microSD Card

Install the microSD card as shown.

Note:

The microSD card is an optional accessory. The Sonic 4G Mobile Hotspot supports up to 32GB.

- To install the microSD card, ensure that the battery is removed from the device. Insert the microSD card into the designated slot until resistance is felt and a click sounds.
- To safely remove the microSD card, ensure the device is powered off and the battery is taken out. Then press the card gently. The microSD card will pop out for removal.



1.4.3 Charging the Battery

Note:

The battery comes partially charged. It is recommend to fully charge the battery before first use. Charging with the provided wall charger will take approximately 4 hours with the device turned off; Charging using the data cable connected to a PC will take approximately 6 hours with the device turned off.

Method 1: Using the wall charger

Caution:

Only use the wall charger provided with your Sonic 4G Mobile HotSpot. Use of a charger outside of what was provided may cause the Sonic 4G Mobile HotSpot to malfunction, fail, or could even cause a fire. Such use voids all warranties, whether expressed or implied, on the product.



Method 2: Connecting to a PC for charging

Connect the Sonic 4G Mobile HotSpot to a PC using the date cable provided with your Sonic 4G Mobile HotSpot.



Note:

The Sonic 4G Mobile HotSpot should be turned off. If the Sonic 4G Mobile HotSpot is turned on it will initiate an active data connection to your PC and may not charge.

1.5 Accessing the Internet via Wi-Fi Connection

Note:

Follow the steps below to access the Internet.

Step 1 Powering on the Sonic 4G Mobile HotSpot.

- Step 2 Establishing a Wi-Fi Connection with the Sonic 4G Mobile HotSpot and selected Wi-Fi device.
- **Step 3** Access the Internet using the selected Wi-Fi device.

1.5.1 Powering on and off the Sonic 4G Mobile HotSpot

Press and hold b for 3 seconds to turn the device on and off.

Note:

Turning on the device will display "T-Mobile". Turning off the device will display "Goodbye".

1.5.2 Establishing a Wi-Fi Connection

Establish a Wi-Fi Connection (on Windows XP).

- Step 1 Make sure that the Wi-Fi is enabled.
- Step 2 Select Start > Control Panel > Network Connections > Wireless Network Connection.

Note:

To set up a Wi-Fi connection, the PC must have a wireless network adapter installed. If Wireless Network Connection is displayed, a wireless network adapter is available. Otherwise, check to make sure you have a wireless network adapter installed.

- Step 3 Click View available wireless networks to display a list of wireless networks available.
- Step 4 Select the network that has the same SSID as listed on the back of your Sonic 4G

Mobile HotSpot (Sonic-XXXX), and then click <u>Connect</u>. Enter the network key in the dialog box as shown below when prompted.

Note:

The SSID and password label are affixed to your Sonic 4G Mobile HotSpot, as illustrated below.

Wireless Network Con	nection	×
The network ' X0000000 ' re A network key helps preve Type the key, and then cli	equires a network key (also called a WEP key or WPA key), ent unknown intruders'from connecting to this network. ck Connect.	
Network key:	•••••	
Confirm network key:	•••••	
	Connect Cancel	



Wireless Network Connect	ion (Sonic-XXXX)
Speed: 54.0 Mbps	
Signal Strength: Excellent	
Status: Connected	
╡ ╡ へんぺいいの	20:43

Wait until the wireless connection icon is displayed in the status area in the lower right corner of the PC screen.



Solutions Network Connections

File E	dit View	Favorites	Tools	Adva	anced	Help	
🕝 Ba	ck • 🕤) - 🍺	<i>)</i> =	iearch	ø	Folders	•
Address	Networ	k Connection	ns				
_				Nam	ne		
Nets	vork Task	5 (LA	N or H	igh-Spe	ed Internet
ی ک (م)	Create a ne connection Change Wir Firewall sett View availab petworks	w idows iings ble wireless		နှင့် နှင့် (က) <mark>v</mark>	mp ocal An Vireless	ea Conne ; Network	ection 14 Connection
Choo	se a wir	eless ne	etwo	rk		1.7	
informati	tem in the lis on.	t below to co	nnect to	a <u>w</u> irele	ess netv	work in rai	nge or to get more
((ດູ)) Sonic-X	xxx				Not	connected 👷
U	Unsecure	ed wireless na	etwork				llts
				SSID			
							Connect

Establish a Wi-Fi Connection (on Windows 7).

- Step 1 Make sure that the Wi-Fi is enabled.
- Step 2 Select Start > Control Panel > Network and Internet > Connect to a network



Note:

To set up a Wi-Fi connection, the PC must have a wireless network adapter installed. If Wireless Network Connection is displayed, a wireless network adapter is available. Otherwise, check to make sure you have a wireless network adapter installed.

- Step 3 Click View available wireless networks to display a list of wireless networks available.
- **Step 4** Select the network that has the same SSID as listed on the back of your Sonic 4G Mobile HotSpot (Sonic-XXXX), and then click **Connect**.

Wireless Network Conne	ection 🔺
wlanaccess	Connected , 📲
SONIC-XXXX	lte.
Connect automatica	lly Connect
myqwest4071	lite.
RA-WINGS	341
SONIC-dbbf	.all
RAProcessLab	.all
classroom	Sail -
Open Network an	d Sharing Center

Step 5 Enter the network key in the dialog box as shown below when prompted.



Note:

The SSID and password label are affixed to your Sonic 4G Mobile HotSpot, as illustrated below.





Wait until the wireless connection icon corner of the PC screen.

is displayed in the status area in the lower right

.all

Establishing a Wi-Fi Connection (on a MAC).

Step 1 Make sure that the Wi-Fi is enabled.

- **Step 2** If AirPort is off, follow the steps below.
 - Go to AirPort icon and select Turn AirPort On.
 - A window of available Wi-Fi signals will be provided. Select the **SONIC-xxxx** device.
 - Input the Wi-Fi KEY located under Sonic 4G Mobile HotSpot battery cover as Password.
 - Select Join.

(î.	None of your preferred networ Select the network you want to join fro enter the network password if necessa	ks are available. In the list, and then ry.
	663910180	a
	SONIC-xxxx	A
	Excellence	a
	Free Internet	1
	Free Public WiFi	1
	Remember this network	
	Password:	G
	Show password	

Step 3 If AirPort is on, follow the steps below.

- Go to AirPort icon and select the SONIC-xxxx device.
- Input the Wi-Fi KEY located under Sonic 4G Mobile HotSpot battery cover as Password.
- Select OK.

· • • *	(();
AirPort: On	
Turn AirPort Off	
No network selected	
663910180	
SONIC-xxxx	
SDCA-WLAN001	
Devices	
Free Internet	
Free Public WiFi	
Join Other Network	
Create Network	
Open Network Preferences	

_	The network	"SONIC-xxxx" requires a W	PA
3	password.	• • • • • • • • • • • • • • • • • • • •	
	Password	i:	0
		Show password	
		Remember this network	c
		Cancel	OK

1.5.3 Accessing the Internet

After successfully establishing a Wi-Fi connection, you can access your Sonic 4G Mobile HotSpot.

After the Sonic 4G Mobile HotSpot is powered on, it will automatically connect to the network when data transmission is required, if a network is available.

1.6 Establishing a WPS Connection

If the Wi-Fi client connecting to the Sonic 4G Mobile HotSpot supports the WPS function, the Sonic 4G Mobile HotSpot can generate a network key without manual input. To establish a WPS connection, perform the following

steps:

- Step 1 Power on the Sonic 4G Mobile HotSpot.
- Step 2 Power on the receiving client.



Step 3 Enable the WPS function of the Sonic 4G Mobile HotSpot.

Note:

Press and hold WPS button \bigcirc to enable the WPS function of the Sonic 4G Mobile HotSpot.

Step 4 Enable the WPS function of the client.

Note:

For WPS operations on the client, see the user guide of the client.

1.7 Resetting Factory Defaults

To restore your Sonic 4G Mobile HotSpot to the original factory settings and reconfigure the Sonic 4G Mobile HotSpot, press and hold the RESET button until the screen shows "Resetting".

Note:

This action deletes all personal configuration settings and restores all web-based management settings and parameters to their default values (including SSID, WiFi password and admin password).



Note:

For information on backing up and restoring the settings of your Sonic 4G Mobile HotSpot please see section 4.5.

2 Overview of the Sonic Mobile HotSpot Admin WebUI

2.1 Accessing the Sonic Mobile HotSpot Admin WebUI

2.2 WebUI

- Step 1 Ensure the selected device is connected to the Sonic 4G Mobile HotSpot via Wi-Fi or USB cable
- Step 2 Start the browser and enter http://mobile.HotSpot or 192.168.1.1 in the address bar.
- Step 3 Enter the password.

Note:

The default password to the Sonic 4G Mobile HotSpot WebUI is admin.

Step 4 Click Login.

2.3 Explanation of Admin WebUI Status Icons

The following table shows the running status of the device.

ltem	Status
	C : The card is valid.
SIM	The SIM card does not exist or the PIN code is not verified or the SIM card is invalid.
Internet	Internet Connection is established.
Internet	Internet Connection is not established.
Wi-Fi): The Wi-Fi is established.
): The Wi-Fi is not established.
Battery /Charging Level Indicator	The battery power level from weak to strong is shown as follows:
Network Signal	The signal strength from weak to strong is shown as follows:

3 Connection Summary

3.1 Viewing Connection Status

T · · Mobile	Broadband T-Mobil	e [®] Sonic™ 4G Mobil	e Hotspot	123 📶 🖵 🕅 🗖	0
Home	Text Message microSD (Card Settings			Logout
Step1					
onnection Sta	itus				
	Profile List: Connection Status: Received: Duration:	epc.tmobile.com Connected 6.98 KB 0 day 1 hour 01 minute	Sent.	Profile Management 6:44 KB More Details	
onnection De	tails				
	IP Address: SIM Card Status:	192.168.70.1 SIM Ready	DNS Server: Network Type:	172.22.44.9 UMTS	
Vi-Fi Connectio	on Status				
	Wi-Fi Connection Status: Current Wi-Fi User: 802.11 Security: Encryption Mode: WPA Pre-Shared Key:	Off 0/5 WPA/WPA2-PSK AES+TKIP	Turn On	Advanced Wi-Fi Settings	
	Show Password			More Details	
evice Informa	ition				
	Software Version:	11 203 18 03 420	Software Update:	a	
	Hardware Version: Device Name: My Number:	CP1E587M E587 13801009160	MAC Address: Serial Number: IMEI:	20.2B.C1:41:DC:A8 R8G7NA1171700010 355898040008953	
/eb Link					
	0				
				7	
	T-Mob	le Forum My T-	Mobile	User Guide	

- **Step 1** Click **Home** Tab to view the information of connection status, connection details, Wi-Fi connection status and Web link, and the device information. The connection details include the IP address, the SIM card status, the DNS sever number and the network type.
- **Step 2** Click **More Details...** on the right area of the page to view a more detailed status page for either the Network or Wi-Fi connection.



- Click **Back** to return to the previous page.
- Click **Clear History** to clear the history of the current connection.
- Click Refresh to view the current status on the advanced status page.
- **Step 3** Click icons at the bottom of the page to access the following links.
 - Click the User Guide or T-Mobile Forum to access <u>http://support.t-mobile.com/community/phones_data_devices/mobile_broa</u> <u>dband</u>
 - Click the My T-Mobile to access <u>http://my.t-mobile.com</u>

3.2 Viewing the Connection Statistics

Step 1 Click Home Tab.

Step 2 Click More Details...in the Wi-Fi Connection Status area.

T · · Mobile	Broadband T-Mob	ile* Sonic™ 40	6 Mobile Hotspot	123 📶	• 😔 💻
Home	Text Message microSD	Card Setting	5		Logout
Vi-Fi Connecti	on Status				
	Wi-Fi Radio:	Off	802.11 Mode:	802.11b/g/n	
	Country:	US	Channel	Auto	
	AP Isolation:	On			
	Authenticated Station	s			
	ID MAC Address	IP Address	Host Name	Associated Time(hh mm ss)	

- **Step 3** View the connection statistics.
 - Click **Back** to return to the previous page.
- Step 4 Click Refresh to view the current status.

Note:

Viewing the Connection Statistics is for reference only. Please refer to My T-Mobile for more accurate information.

3.3 Enabling or Disabling the Wi-Fi connection

Step 1 Click Home tab.

Step 2 Click Turn On or Turn Off to enable or disable the Wi-Fi connection.

Note:

The default Wi-Fi setting for your Sonic 4G Mobile HotSpot is **On**. The device will go to sleep after 10 minutes of inactivity when not plugged in.

4 Settings

4.1 Device Settings

4.1.1 Configuring the SSID

The Service Set IDentifier (SSID) is used to identify your wireless network. The default SSID and password is assigned to you and can be located in the back of the device under the battery cover (please see 1.5.2). Your selected Wi-Fi devices, such as your laptop or tablet etc, can perform normal data communication with your Sonic 4G Mobile HotSpot only when they share the same SSID. It is recommended that you personalize the SSID and Password. You can enter any character string that is less than 13 characters as your personalized SSID, such as MyHome.

Step 1 Click Settings Tab> Device Settings > Change SSID & Password

- Step 2 Change the default SSID in the textbox called Name (SSID):
- Step 3 Enabled/Disabled the SSID Broadcast.
 - **Enabled:** The device broadcasts the SSID. Users can see the Sonic 4G Mobile HotSpot.
 - **Disabled:** The device does not broadcast the SSID. To access the Sonic 4G Mobile HotSpot, the user must obtain the SSID of the Sonic 4G Mobile HotSpot, allowing improved Wi-Fi security.

T · · Mobile · Broad	band T-Mobile	e [®] Sonic™ 4G Mo	bile Hotspot	123 🛄 🖵)	• • •
Home Text M	essage microSD C	ard Settings			Logout
Device Settings Change SSID & Password Change Admin UI Password Network Settings WI-FI Security	Settings > Dev Step1 • N • S • E can D nam	ice Settings > Change ame SSID(Service Se te for your wireless loca SID Broadcast inabled : The T-Mobile detect and connect to it Disabled : The T-Mobile te of your network.	e SSID & Password t Identifier): Enter a cha I area network(Wi-Fi). Sonic 4G Mobile Hotspot Sonic 4G Mobile Hotspo	racter string up to 32 characters as broadcasts the SSID and other devi t disables broadcasting and hides th	Step 1 of 2 the ices
System 💙		Name (SSID):	SONIC-dca8	(1-32 Characters as SSID)	Step2
		SSID Broadcast:	Enabled	Step3	
			Next> Ca	ncel	

Step 4 Click Next.

Settings >	Device Settings > Change SS	ID & Password		Step 2 of 2						
	802.11 Security:									
	*Add encryption to your wirele and access.	ess network to prevent u	nauthorized traffic monitorin	g						
	*lt is suggested that users se WPA schemes.	cure their Sonic 4G Mobi	ile Hotspot using one of the							
	Open:You can authenticate s	successfully with a SSID, w	hether it is valid or empty.							
	Auto: When AP set to Auto-WEP, STA can connect to AP with either OPEN-WEP or SHARED-WEP.									
	Shared Key Authentication: IEEE 802.11 defines 4 WEP keys (with index 1 to 4) for WEP encryption and distinguishes WEP encryption to WEP-40 and WEP-104 according to the length of the keys.									
	Wireless Equivalent Privac configurable fixed keys.	y (WEP): It is a 64-bit or 12	8-bit encryption method with us	er						
	WPA (Wi-Fi Protected Acce automatically.	ss): It is a 256-bit encryptic	n method with keys changing							
	WPA2:It is the securer versio	n of WPA with implementa	tion of the 802.11i standard.							
	WPA-PSK/WPA2-PSK:Apply	both the WPA-PSK and W	/PA2-PSK scheme.							
			_							
	802.11 Security:	WPA-PSK 🖌	StonE							
	WPA Encryption:	TKIP	Steps							
	WPA Pre-Shared Key:	•••••	Show Password Step6							
	<e< td=""><td>Back Finish Ca</td><th>ncel</th><td></td></e<>	Back Finish Ca	ncel							

Step 5 Select 802.11 Security mode and Encryption Mode.

- The default value of the 802.11 Security is WPA/WPA2-PSK.
- The default value of the WAP Encryption is AES+TKIP.
- The WAP Pre-Shared key can be obtained under the battery.

Step 6 Change the WAP Pre-Shared key.

Step 7 Click Finish.

Note:

If you forget your device SSID or password and do not recall your admin password, you will need to perform a master reset of your device, which will return the device to the default SSID/Password listed under the back cover of the device. The admin password will also be reset to the default password.

4.1.2 Changing the Admin UI Password

Step 1 Choose Settings Tab > Device Settings > Change Admin UI Password

Step 2 Enter the current Admin password, and then enter the new password and confirm it.

Step 3 Click Modify

Note:

If you forget your admin password you will need to perform a master reset of your device.

T · · Mobile · Broad	dband T-Mo	bile [®] Sonic™ 4G Mobi	le Hotspot	123		
Home Text M	2 lessage micros	D Card Settings				Logout
Device Settings Change SSID & Password Change Admin UI Password Network Settings Wi-Fi	Settings > Step1	Device Settings > Change / You can modify the Admin UI contain no more than 15 char Password cannot contain the Current Pass	Admin UI Password password on this pag acters. he following charact word:	e. The password cannol ers: , " : ; & \ ? < > + ' %	t be empty and	
Security ¥ System ¥		New Passwor Confirm Pass	rd:	ancel	Step2	

4.2 Network Settings

4.2.1 Selecting Network

T ··Mobile·	Broadband T-	Mobile [®] Sonic [™] 4G Mo	bile Hotspot		123	at 9	_))	0	
Home	Text Message mice	roSD Card Settings						Log	jout
Device Settings Network Settings	Setting	s > Network Settings > Netw Only for use when roam	iork Selection						
Network Selection Profile Selection	Step1	 Network Preferred I 	Node:	Automatic	>			Ste	p2
Profile Management WI-FI	~	 Searching Network Mode: 		Auto	~			Ste	р3
Security System	✓		Apply	Cancel					

Step 1 Click Settings Tab > Network Settings > Network Selection.

Step 2 Select a preferred network mode from the Preferred Mode list box.

Note:

This setting can only be altered when roaming.

If the service provider provides only 2G or 3G service and the preferred mode is configured as **4G only**, you cannot access the Internet.

Step 3 Select the Mode for searching the network.

- Auto: The device automatically selects the best available network.
- **Manual**: The device will search for the available networks and the user selects one to register with.
- The default mode is **Auto**.

Step 4 Click Apply.

Note:

In Manual mode, select the searched network and click Log on.

4.2.2 Selecting Profile

T ··Mobile	Broadband	T-Mobile [®] Sonic [™] 4G	Mobile Hotspot	123	.al 🔘 💭	0
Home	Text Message	microSD Card Settings				Logout
Device Settings Network Settings Network Selection	× Set	tings > Network Settings > I Optional feature for • Max Idle Time: The the idle time exceeds	Profile Selection use when roaming. e T-Mobile Sonic 4G Mo the "Max Idle Time".	bile Hotspot will disconnect fi	rom internet when	
Profile Selection Profile Management	Step1	Profile	List:	hw 💌	Step2 Step3	
WI-FI Security System	* *	Max Id	Apply	Cancel	oteho	

Step 1 Click Settings Tab > Network Settings > Profile Selection.

Step 2 Select a Profile name mode from the **Profile List** box.

Step 3 Enter the Max Idle Time(s)

Note:

Max Idle Time: The T-Mobile Sonic 4G Mobile HotSpot will disconnect from internet when the idle time exceeds the "Max Idle Time". This setting can only be altered when roaming.

4.2.3 Setting Profile

		Settings > Network Settings > Profile Mana	agement							
Device Settings 🛛 💙		a-								
Network Settings 🛛 🔥		Optional feature for use when r	roaming.							
Network Selection		 Dial-up Number User Name internet service provider(ISP): Dial- 	Password These parameters are provided by your							
Profile Selection		Name and Password are used to c	obtain the authentication from the ISP when the connection							
Profile Management	Step	 The authentication mode is presented as a second sec	provided by your Internet Service Provider(ISP).							
Wi-Fi 🗸 🗸		Password Authentication Pro encryption for the peer to establish	otocol(PAP): It provides a simple method without h its identity using a 2-way handshake.							
Security 🗸 🗸		Challenge-Handshake Authe the identity of the peer using a 3-w:	Challenge-Handshake Authentication Protocol(CHAP): It is used to periodically verify the identity of the peer using a 3-way handshake.							
System 💙		If a fixed IP address or Access Poi	nt Name(APN) is provided by your ISP, select "Static",							
		these parameters.	I-Mobile Sonic 4G Mobile Hotspot automatically obtains							
		Profile List:	epc.tmobile.com							
		Profile Name:	epc.tmobile.com							
		Dial-up Number:	*99#							
		User Name:	GPRS							
		Password:	Step2-4							
		Authentication:	CHAP							
		APN:								
		🔿 Dynamic 💿 St	static epc.tmobile.com							
		IP Address:								
		Oynamic O St	Static							
		New	Save Delete Cancel							

Step 1 Click Settings Tab > Network Settings > Profile Mangement

Step 2 Enter the Profile Name, Dial-up Number, User Name and Password.

Note:

To obtain Dial-up number, User name and Password, contact your service provider.

Step 3 Select a Authentication mode from the Authentication List box.

Step 4 Set the APN and IP Address

Note:

- The default setting of **APN is** Static, the **default value is** epc.tmobile.com
- The default setting of IP Address is Dynamic.

4.3 Wi-Fi Settings

T · · Mobile	Broadband	T-Mobile® So	nic™ 4G M	Nobile Hotspot		123	.at 🗆		0	
Home	Text Message in	nicroSD Card	Settings						Log	out
Device Settings	♥ Sett	ings > Wi-Fi > Ba Wi-Fi Radio:	isic Settings	Off	V Ste	ep2				
Network Settings Wi-Fi Basic Settings	Step1	Wi-Fi Auto Of Wi-Fi Off Tim	f: e(Min):	Enabled 10 Step3	~	(Without ext	ernal power))		
WPS DHCP Security	_			Apply	Cancel					
System	~									

4.3.1 Enabling or Disabling the Wi-Fi

Note:

In the Home Tab, under Wi-Fi Connection Status you can enable or disable Wi-Fi by clicking the Turn On/Turn Off button.

Step 1 Click Settings Tab > Wi-Fi > Basic Settings.

Step 2 Select Wi-Fi Radio.

- **On**: Enable the Wi-Fi. (Default setting)
- Off: Disable the Wi-Fi. (This action should only be selected to improve battery life or when the only connection is via USB cable)

Step 3 Click Apply.

4.3.2 Wi-Fi Auto Off

When the device is powered by the battery, the default setting for the Wi-Fi Auto Off feature is "Enabled" and WiFi Auto-Off time is set to 10 minutes, the Wi-Fi will be turned off automatically after the identified period of inactivity, i.e. no data transmission between the user and the Sonic 4G Mobile HotSpot .The amount of time your Sonic 4G Mobile HotSpot will wait until automatically turning off Wi-Fi can be set to 10 minutes, 20 minutes, or 30 minutes as shown in Step 3 below.

The Wi-Fi Auto Off feature is disabled when the device is connected to external power, meaning that the Wi-Fi will remain on.

In the event that your Sonic 4G Mobile HotSpot has automatically turned off the Wi-Fi, you can turn it back on by pressing the Power button or the WPS button once on the device.

To enable or disable the Wi-Fi Auto Off function, please following the steps below:

Step 1 Click Settings Tab > Wi-Fi > Basic Settings.

Step 2 Select On/Off to enable or disable the Wi-Fi Auto Off.

- Step 3 Enter the Wi-Fi Off Time(Min), if the Wi-Fi Auto Off is enabled.
- Step 4 Click Apply.

4.3.3 Advanced Settings.

Step 1 Click Settings Tab > Wi-Fi > Advanced Settings.

Step 2 Select Country and Channel.

T··Mobile·E	Broadband	T-Mobile [®] Sonic [™] 4G I	Mobile Hotspot		123 📶 🕩 🗖		
Home	Text Message	e microSD Card Settings				Log	jout
Device Settings	v	ettings > Wi-Fi > Advanced Set	ttings				
Network Settings	~	Country:	UNITED STATES	*			
Wi-Fi	^	Channel:	Auto	~			
Basic Settings		802.11 Mode:	802.11b/g/n	~			
Advanced Settings	Step	Name (SSID):	SONIC-dd55				
WPS		802.11 Security:	WPA/WPA2-PSK	~	Step2~7		
DHCP		WPA Encryption:	AES+TKIP	~			
Security	~	WPA Pre-Shared Key.	•••••	-	Show Password		
System	~	SSID Broadcast	Enabled	~			
		AP Isolation:	On	~			
			Apply Ca	incel]		

Note:

- The default setting of **Country** is **UNITED STATES** and **Auto** for Channel.
- Different countries have different standards on channel usage.
- If you do not know which channel to select, select Auto and the device can automatically search for the channel.

Step 3 Select 802.11 Mode.

- 802.11b: Only allow the Clients supporting 802.11b standard to access the device.
- **802.11g:** Only allow the Clients supporting 802.11g standard to access the device.

- **802.11b/g:** Allow the Clients compatible with with 802.11b/g standard to access the device.
- **802.11b/g/n:** Allow the Clients compatible with 802.11 b/g/n standard to access the device.
- The default setting is **802.11b/g/n**.
- **Step 4** Change the default SSID in the **Name (SSID):** textbox.
- Step 5 Select 802.11 Security and Encryption Mode.
 - The default setting tab of 802.11 Security is WPA/WPA2-PSK
 - The default setting tab of Encryption Mode is AES+TKIP
- Step 6 Change the Password.
- Step 7 Select On/Off to enable or disable the AP Isolation.
 - On: The Clients connecting to the device cannot communicate with each other.
 - Off: The Clients connecting to the device can communicate with each other.
 - The default setting of the **AP Isolation** is **on**.

Step 8 Click Apply.

4.3.4 WPS Settings

Wi-Fi Protected Setup (WPS) is a standard for easy and secure establishment of a wireless network. Traditionally, you would have to manually enter a wireless network name (SSID), and then manually enter a security key on both the access point and client to prevent unwanted access to your wireless network. With WPS, you do not need to know the SSID and security key. It will automatically configure the SSID and security key for the access point and the WPS enabled client devices on the network.

T··Mobile· Bro	adband T-Mobile® S	onic™ 4G Mobil	le Hotspot	123	.at 🗆	• • •
Home Text	Message microSD Card	Settings				Logout
Device Settings Network Settings Wi-Fi	Settings > Wi-Fi > • WPS I PIN code After two from the	WPS PIN: Use PIN code as that is generated by minutes, the T-Mobil wireless access clier	the only way to connect the wireless access clie e Sonic 4G Mobile Hotsj nt.	t WPS access crede ent, and then click the pot will receive the ac	ntials. Input th Apply button. cess request	ne
Basic Settings Advanced Settings WPS DHCP	Step1	WPS PIN:	Apply Can	cel	Step2	
Security V System V						

- Step 1 Click Settings Tab > Wi-Fi > WPS.
- Step 2 Enter the WPS PIN of the WPS client device on the network.
- Step 3 Click Apply.

4.3.5 DHCP Settings

If the Dynamic Host Configuration Protocol (DHCP) server is enabled, the device can automatically assign IP addresses for Clients connected to it.

Step 1 Choose Settings Tab > Wi-Fi > DHCP.

T ··Mobile	Broadband	T-Mobile* So	onic™ 4G Mobile Hotspot	123		
Home	Text Message	microSD Card	Settings			Logout
Device Settings	v Se	ttings > Wi-Fi > D	нср			
Network Settings	~		IP Address:	192.168.1.1		
WLEI			Subnet Mask:	255.255.255.0		
Dasic Sations	~		DHCP Server:	Enabled Disabled		
Educored Sellings			Start IP Address:	192.168.1.100	Step2~6	
wpe			End IP Address:	192.168.1.200		
DHCP	Ston	1	DHCP Lease Time(min):	1440		
Security System	v		Apply	Cancel		

Step 2 Set IP Address (default: 192.168.1.1).

Step 3 Set Subnet Mask (default: 255.255.255.0).

Step 4 Click the Enabled option button (default: Enabled).

Step 5 Set Start IP Address and End IP Address.

Note:

- The value of Start IP Address must be smaller than or equal to the value of End IP Address.
- The minimum range is a single IP address.

Step 6 Enter the value of DHCP Lease Time.

Note:

The DHCP server automatically assigns an IP address to each client connected to the LAN. When the leased time expires, the DHCP server checks whether the client is connected to the LAN. If the client is disconnected from the LAN, the server assigns the IP address to another client. Thus, the IP address is not wasted.

Step 7 Click Apply.

Example

- IP Address of the device: 192.168.1.1
- Start IP address: 192.168.1.XXX (2≤XXX≤254)
- End IP address: 192.168.1.YYY (XXX≤YYY≤254)

4.3.6 Disabling the DHCP Server

If the DHCP server is disabled, you must manually assign IP addresses for clients connected to the device.

Step 1 Choose Settings > Wi-Fi > DHCP.

Step 2 Click the Disabled option button.

Step 3 Click Apply.

4.3.7 Configuring the Client

- Step 1 Choose Start > Control Panel > Network Connections > Wireless Network Connection.
- Step 2 Right-click the Network Connection icon, and then choose Properties from the shortcut menu.
- Step 3 Select Internet Protocol (TCP/IP), and then click Properties.
- Step 4 In the Internet Protocol (TCP/IP) Properties dialog box, select Obtain an IP address automatically and Obtain DNS server address automatically, and then click OK.

Example

Internet Protocol (TCP/IP) Prope	rties 🛛 🖓 🔀										
General Alternate Configuration											
You can get IP settings assigned auton this capability. Otherwise, you need to a the appropriate IP settings.	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 automatical	y										
OUse the following IP address: —											
IP address:											
Subnet mask:	· · ·										
Default gateway:	· · ·										
 Obtain DNS server address autor 	natically										
OUse the following DNS server add	resses:										
Preferred DNS server:											
Alternate DNS server:	· · ·										
	Advanced										
	OK Cancel										

You can also enter the values of IP addresses and DNS server. The details are as follows:

- IP address: 192.168.1.XXX (2<XXX<254)
- Subnet mask: 255.255.255.0
- Default gateway: 192.168.1.1
- **DNS server**: Enter the default gateway (192.168.1.1) or contact your service provider.

Internet Protocol (TCP/IP) Properties									
General									
You can get IP settings assigned auton this capability. Otherwise, you need to a the appropriate IP settings.	natically if your network supports ask your network administrator for								
🔘 Obtain an IP address automatical	 Obtain an IP address automatically 								
 Use the following IP address: — 									
IP address:	192.168.1.101								
Subnet mask:	255.255.255.0								
Default gateway:	192.168.1.1								
Obtain DNS server address autor	natically								
 Use the following DNS server add 	tresses:								
Preferred DNS server:	192.168.1.1								
Alternate DNS server:									
	Advanced								
	OK Cancel								

4.4 Security Settings

4.4.1 Wi-Fi Settings

You can configure the SSID as follows:

Home	Text Message	microSD Card Settings			Logou
Device Settings Network Settings WI-FI Security WI-FI Settings	v v v Step1	 Name SSID(Service S name for your wireless for SSID Broadcast Enabled : The T-Mobil can detect and connect to Disabled : The T-Mobil name of your network 	s iet Identifier): Enter a char al area network(Wi-Fi). e Sonic 4G Mobile Hotspot it. le Sonic 4G Mobile Hotspot	racter string up to 32 characters broadcasts the SSID and other disables broadcasting and hide	Step 1 of as the devices is the
Firewall MAC Filter		Name (SSID)	SONIC-dca8	(1-32 Characters as SSI	D) Step2
LAN IP Filter		SSID Broadcast:	Enabled	Step3	-4
UPnP Setting SIM Card PIN			Next> Car	ncel	

Step 1 Choose Settings > Security > Wi-Fi Settings.

Step 2 Configure the SSID.

Step 3 Enabled/Disabled the SSID Broadcast. For details, see 4.1.1 Configuring the SSID

4.4.2 Firewall Settings

Your device has a firewall that controls the incoming and outgoing data flow and protects your computer from illegal intrusion.

Step 1 Choose Settings > Security > Firewall.

Step 2 Select the Enable the firewall.

Note:

The other functions such as the **IP address filter** function and the **WAN port ping** function are available only when the Enable the firewall check box is selected,

- Step 3 Click Apply.
 - IP address filter: LAN IP Filter function are available only when the IP address filter check box is selected This function can configure the device to block specific IP addresses of the Internet service so that they cannot be accessed from specific IP addresses of the clients in the local network. For detailed see 4.1.1 LAN IP Filter
 - WAN port ping: The clients cannot use ping function to you when the WAN port ping check box is selected.
 - Enable the firewall & Enable IP address filter are selected by default.

T ··Mobile	Broadband T-Mobile*	Sonic™ 4G Mobile Hotspot	123 📶 🖵 🕅 🗖	0 =
Home	Text Message microSD Car	d Settings		Logout
Device Settings Network Settings Wi-Fi	 Settings > Secur This pi the fire available 	ity > Firewall age gives information on how to enable or dis wall is enabled; the IP address filter function a ble.	able filter functions of firewall. Only when and the WAN port ping function are	
Security Wi-Fi Settings Firewall MAC Filter LAN IP Filter	Step1	Enable the firewall Enable IP address filter Disable WAN port ping Step3 Apply Ca	Step2	
SIM Card PIN Unlock Device System	*			

4.4.3 WLAN MAC Filter

You can control and manage the clients accessing the WLAN, and improve the WLAN security performance.

T · · Mobile	Broadband T	-Mobile [®] Sonic [™] 4G	Mobile Hotspot		123	. al 🗆)	•	0	-
Home	Text Message m	icroSD Card Settings						Log	jout
Device Settings		ngs > Security > MAC Filter		Stor 2					
Network Settings	~	MAC Filter:	Disabled	Step2					
WI-FI	*	MAC Address			-			1	
Security	*	IIAO Addiess.			-				
Wi-Fi Settings				-	-			Ste	ep3
Firewall					-			1	
MAC Filter	Step1				-			1	
LAN IP Filter			eg:00:1D:0F:10:2D	D9				-1	
UPnP Setting			Step4						
SIM Card PIN			Apply	Cancel					
Unlock Device									
System	× .								

Step 1 Choose Settings Tab> Security > MAC Filter.

Step 2 Select the MAC filter mode. The available options are as follows:

- **Disabled**: The MAC address filtering function is disabled (**Disabled** by default).
- Enabled: The clients with addresses in the MAC Address list are allowed to connect to the device through the WLAN. □
- **Deny**: The clients with addresses in the **MAC Address** list are not allowed to connect to the device through the WLAN.
- **Step 3** Enter MAC Address in the list. The device can perform the access control over the clients whose MAC addresses are in the list.

Step 4 Click Apply.

Example

To locate the MAC address in the Windows OS, do as follows:

- 1. Choose **Start > Run**, and then enter **cmd**.
- 2. In the command window that is displayed, enter **ipconfig/all**. Then, press Enter.
- 3. The MAC address is displayed as the Physical Address

4.4.4 LAN IP Filter

You can configure the device to block specific IP addresses of the Internet service so that they cannot be accessed from specific IP addresses of the clients in the local network.

Step 1 Choose Settings > Security > LAN IP Filter.

Step 2 Configure/Input the information as required by the page (see illustration below)

Step 3 Click OK to save the settings.

Step 4 Click **Apply** to validate the settings.

- Click **Edit** to modify the selected items in the list.
- Click **Delete** to remove the selected items in the list.

T · · Mobile ·	Broadba	nd T-	Mobile [®] Sonic	™ 4G M	obile Hotspo	t	12	3 📶			🛞 💻
Home	Text Mess	age mie	croSD Card S	ettings							Logout
Davides Cattings		Setting	gs > Security > LA	N IP Filter							
Network Settings WI-FI Security	~		Filter packets • LAN/WAN F • Note: Settin	using the fo Port: The va ngs will not t	llowing rules spe due range of LAN take effect until th	cified with proto WVAN Port is 1- e "Apply" buttor	ocol; port an -65535. n is clicked.	ıd IP addr	ess.		
Wi-Fi Settings			Protocol:	ALL	~	Status:	Off			~	
Firewall			LAN IP Address:			WAN IP Ad	dress:			_ s	Step2
MAC Filter			LAN Port:			WAN Port					
LAN IP Filter	Step		N IP Filter List							_	
UPnP Setting			LAN IP Address	LAN Port	IP Address	WAN Port	Protocol	Status	Edit	Del	oto
SIM Card PIN		19	2.168.1.100	80-60000	192.168.1.101	880-61000	UDP	On	Edit	Del	ete
Unlock Device					OK A	oply Car	ncel				
System	•										

Example

You want to forbid the client (192.168.1.101) from accessing the Internet service www.huawei.com (10.82.48.26). Do as follows:

1. Set Protocol to TCP.

Note:

The protocol of Web service is TCP. If you do not know the protocol, you can select All. Then the device automatically searches for the protocol.

2. Set Status to On.

Note:

If you just want to perform the establishing operation and the filtering and enabling can be performed later, you can select **Off**.

3. Set LAN IP Address to 192.168.1.101.

Note:

To locate the LAN IP address in the Windows OS:

Choose Start > Run, and then enter cmd.

In the command window that is displayed, enter ipconfig. Then, press Enter.

The IP address is displayed.

4. Set WAN IP Address to 10.82.48.26.

Note:

To locate the WAN IP address in the Windows OS, do as follows:

Choose Start > Run, and then enter cmd.

In the command window that is displayed, enter ping www.huawei.com. Then, press Enter.

The WAN IP address is displayed as [10.82.48.26].

5. Set LAN Port/ WAN Port to 80.

Note:

The default Port of Web service is **80**. For the port and protocol, you can contact the service provider or access the official website of the Internet service.

4.4.5 UPnP Settings

The Universal Plug and Play (UPnP) service realizes the intelligent interconnection between any two UPnP devices through port forwarding. The UPnP device can access the Internet dynamically and get the IP address automatically.

- Step 1 Choose Settings > Security > UPnP Settings.
- Step 2 Set UPnP Status to Enabled or Disabled to enable or disable the UPnP service.

```
Step 3 Click Apply.
```

Note:

The default service of UPNP is **Disabled**.

T · · Mobile ·	Broadband T-Mob	ile [®] Sonic [™] 4G Mob	ile Hotspot	123	al 🔍	🗆 🔕 💻
Home	Text Message microSD	Card Settings				Logout
Device Settings	Settings > S	ecurity > UPnP Setting				
Network Settings	V	niversal Plug and Play (UPr	P) is used to support zero configur	ation networ	king.	
Wi-Fi	~	LIDeD Status		Sten2		
Security	~	OFTIP Status,	Sten3	otepz		
WI-Fi Settings			Apply Cancel			
Firewall						
MAC Filter						
LAN IP Filter						
UPnP Setting	Step1					
SIM Card PIN						
Unlock Device						
System	~					

Example

To enable or disable the UPnP service of the client (taking PC for example):

- 1. Choose Start > Control Panel > Add/Remove program > Add / Remove Windows Components.
- 2. Select Network Services and then click Details in the Windows Components Wizard to install dialog box.
- 3. Select **UPNP User Interface** to enable the UPnP service.
- 4. Click OK.

4.4.6 PIN Code Management

Note:

- The PIN acts like a password preventing other people from gaining unauthorized access to your device. This is a numeric code which must be entered each time the device is started (unless the PIN security feature is turned off).
- If you enter the wrong PIN code three times, the SIM card is locked. You need the PUK code to unlock the SIM card. If you enter wrong PUK code ten times, the SIM card is locked permanently.
- The PIN code is created by the user, when he activates PIN code he then creates a code. The PUK code is held by the operator for security reasons. Please contact your service provider for your PUK code if needed.

T··Mobile· Broa	dband T-Mobile [®] So	nic [™] 4G Mobile Hotsp	ot	123	ail 🖘	• •
Home Text	Message microSD Card	Settings				Logout
Device Settings	Settings > Security :	> SIM Card PIN				
Network Settings		PIN Code Operation:	Enable	💌 S	Step2	
WI-FI 👻		Auto Validate:	○ Enabled ⊙	Disabled		
Security		PIN Code:		S	Step3	
WI-FI Settings Firewall MAC Filter		Remaining times: Step4	3 Cancel			
LAN IP Filter UPnP Setting						
SIM Card PIN Unlock Device System	Step1					

Disabling the PIN Code (The default setting for PIN code is disabled)

Step 1 Choose Settings > Security > SIM Card PIN.

- Step 2 Select Disable in the PIN Code Operation drop-down list box.
- **Step 3** Enter the correct PIN code.
- Step 4 Click Apply.

If PIN Code Operation is disabled you do not need enter the PIN code after each restart.

Enabling the PIN Code

Step 1 Choose Settings > Security > SIM Card PIN.

- Step 2 Select Enable in the PIN Code Operation drop-down list box.
- **Step 3** Enter the correct PIN code.
- Step 4 Click Apply.

Note:

Changing the PIN Code

When the PIN code protection is enabled, you can change the PIN code.

Step 1 Choose Settings > Security > SIM Card PIN.

- Step 2 Select Modify in the PIN Code Operation drop-down list box.
- Step 3 Enter the current PIN code.
- Step 4 Enter the new PIN code and confirm it.
- Step 5 Click Apply.

4.4.7 Unlock Device

Note:

- This code is used to unlock the device and accept SIM cards from any operator.
- To obtain the Device Unlock code, please contact your service provider.
- After the correct password is entered, the device will reset automatically. However, if a wrong password is entered ten times, the device will be locked permanently.

T · · Mobile	· Broadband	T-Mobile [®] S	onic™ 4G M	Nobile Hotspot		123	.al 🗆		0	-
Home	Text Message	icroSD Card	Settings						Log	jout
Device Settings	•	ttings > Security	> Unlock Devi	24						
Network Settings	×	 To obt After the 	ain the Device L correct passwo	Inlock code, please rd is entered, the de	contact your serv vice will reset aut	ice provider. omatically.				
Wi-Fi	V	However	If a wrong pas	sword is entered ten	times, the device	: will be locke	d permanen	tly.		
Security	~		Device 1	nlock code	-					
Wi-Fi Settings			Remainir	no times	10					
Firewall										
MAC Filter				Apply	Cancel					
LAN IP Filter				The second second						
UPnP Setting										
SIM Card PIN										
Unlock Device										
System	×									2

4.5 System Management

T ··Mobile·	Broadba	and T-N	1obile® S	onic™ 4G N	Nobile Hote	spot	123	.al 🔍		0	
Home	Text Mess	age micr	oSD Card	Settings						Lo	ogout
										_	
Device Settings	~	Settings	> System >	> Backup Setti	ngs						
Network Settings	~									1	
Wi-Fi	~		download	onfiguration pa	rameters to fil ined by your b	e. This will save a rowser.	file named so	glite.db to the d	lefault		
Security	~										
System	~					Backup					
Backup Settings	Ster	1								Step	2
Restart			Restore	configuration pa	arameters			Browse.			
Factory Reset				j							
						Reset					
			<u> </u>								

4.5.1 Backup Settings

Step 1 Choose Settings Tab > System > Backup Settings

Step 2 Back up or restore settings The details are as follows:

- Backup settings: Click Backup to export the parameters to a file.
- Restore configuration parameters:
- 1. Click **Browse** to select the configuration file to be restored.
- 2. Click **Reset** to restore settings.

Note:

The backup file is named sqlite.db and will be stored in the default download folder based on the settings of the browser you are using.

4.5.2 Restart

Click the button to Restart the T-Mobile Sonic 4G Mobile HotSpot.

Note: This does not lose any of the user settings

4.5.3 Restoring the Factory Defaults

If you need to restore the Sonic 4G Mobile HotSpot to the factory default settings

Step 1 Choose Settings > System > Factory Reset.

Step 2 Click Reset.

Note:

After this operation, all personal configuration settings are deleted and all web-based management settings will be restored to their previous values (SSID, Password and Admin password).

5 Text Message

5.1 Creating and Sending a Text Messages

Inbox stores the received messages, **Sent** stores the sent messages, including both the messages sent successfully and unsuccessfully. **Draft** stores the drafts of messages.

T ··Mobile	•• Broadband	T-Mo	bile® Sonic™ 4	G Mobile Hots	po 12	3 il))		0	8
Home	Text Message	microS	D Card Settin	gs				L	.ogout
Messages	Te	xt Mes	sage > Messages	> Inbox					
mbox		State	Date	Phone Number	Conte	nt		N	lark
Sent Draft		\bigcirc	××××××××××××××××××××××××××××××××××××××	xxxxxxxxxxxx xxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	X			
Compose				Page:1/1	Previous Next	Page	1	~	
Settings									
			M	ark All Unm	ark All Refresh	Delete			

Step 1 Click Text Message > Inbox/Sent/Draft.

- 🔀: The memory is full.
- 🖾: An unread message.
- 🔛: A read message.
- **Step 2** On the Text Message page, you can choose the following options.
 - Turn a page and view messages.
 - Refresh current storage status.
 - Mark or unmark all messages.
 - Delete the marked message(s).
- **Step 3** After you click one message in the message list, the detail of the message is displayed. You can choose the following options.
 - Read contents.
 - Reply to message.
 - Forward message.

• Delete message.

5.2 Composing a Text Message

T··Mobile·B	roadband T-Mobile [®] So	nic™ 4G Mobile Hotspo	123 📶 🖵 🖉 🗖	0
Home	ext Message microSD Card	Q Settings		Logout
Messages - Compose Settings	Text Message > Con Phone Number Content	npose Step2	Step3	
	Characters Left	160(1)	Save Step4	

Step 1 Click Text Message > Compose.

Step 2 Enter the recipient's Phone Number.

Step 3 Enter the message Content.

Note:

Each text message can contain 160 characters. If the message exceeds 160 character, you Sonic 4G Mobile HotSpot will automatically separate the message into two or more messages (the number of messages is in the parenthesis).

Step 4 After inputting all the information, you can choose the following options:

- Send: To send the message
- **Save:** To save the message as a draft.

5.3 Text Message Settings

T ··Mobile	• Broadband	T-Mobile® So	nic™ 4G Mobile Hotspot	123	at 9))	😪 🖷 🔳
Home	Text Message	icroSD Card	Q Settings				Logout
Messages Compose	¥ Te	xt Message > Set	tings I to change the Text Message Center I	Number, please contac	t T-Mobi	le.	
Settings	Step1		Text Message Center Number:			Step2	
			Text Message Save Mode:	SIM Card	~		
			Apply	Cancel			

- Step 1 Click Text Message> Settings.
- Step 2 View or edit the Text Message Center Number:

Note:

- The information of Text Message center number is provided with the SIM card. When the SIM card is inserted, the information is changed automatically.
- Text Message Center Number is grayed out by default.
- Step 3 Select Text Message Save Mode to change between saving the messages in the SIM card, the device or SIM Card precedence.
- Step 4 Click Apply to save the settings.

6 microSD Card

6.1 microSD Card Settings



Step 1 Choose microSD Card > microSD Card Settings

···Mobile· Broadband T-N	Aobile [®] Sonic™ 4G Mobile Hotspot	123 🃶 🖵 💭 💽 🥝 🖏 🕻
Home Text Message micr	oSD Card Settings	Logou
roSD Card		
microSD Card Sharing Mode:		
 Web Share Mode: Share the Files to Share: User may Access Type: User may a USB Access Only: Share the 	e microSD contents via the webUI. y share all contents of the card or specific files. allow others to Read Only the files or Read/Write from the file e microSD contents via the USB.	es.
Web Share Mode: Share the Files to Share: User may Access Type: User may a USB Access Only: Share the microSD Card Sharing Mode:	e microSD contents via the webUI. y share all contents of the card or specific files. allow others to Read Only the files or Read/Write from the file e microSD contents via the USB. Web Share Mode	es.
Web Share Mode: Share the Files to Share: User may Access Type: User may a USB Access Only: Share the microSD Card Sharing Mode: microSD Card Sharing:	e microSD contents via the webUI. y share all contents of the card or specific files. allow others to Read Only the files or Read/Write from the file e microSD contents via the USB. Web Share Mode Enabled Step2~5	es.
Web Share Mode: Share the Files to Share: User may Access Type: User may USB Access Only: Share the microSD Card Sharing Mode: microSD Card Sharing: Files to Share:	e microSD contents via the webUI. y share all contents of the card or specific files. allow others to Read Only the files or Read/Write from the file e microSD contents via the USB. Web Share Mode Enabled Custom Setting Vertice of the card or specific files. Step2~5 Vertice of the card or specific files. Step2~5 Vertice of the card or specific files. Step2~5 Vertice of the card or specific files. Step2~5	es

Step 2 Set microSD Card Sharing Mode.

- Web Share Mode: You can only access the microSD card on the Web management page.
- **USB Access Only:** you can access the microSD card as a Removable Disk by connecting the device with the USB cable.
- Step 3 Select Enabled or Disabled to turn microSD Card Sharing on or off.
- **Step 4** Set File to Share. The available options are as follows:
 - All: Indicates that all files stored in the microSD card can be accessed.
 - **Custom Setting**: Allows you to indicate the files that can be accessed.

Step 5 Set Access Type. The available options are as follows:

- Read Only: You can only view the shared files.
- **Read/Write**: You can both view and edit the shared files.

Step 6 Click Apply.

6.2 Web Sharing microSD Card

When **Web Share Mode** is enabled, you can access the microSD card on the Web management page.

6.2.1 Viewing Files

Step 1 Click microSD Card.

Step 2 View the shared files.

Step 3 Select UP to move back to the previous folder.

6.2.2 Creating a New Folder

When the **Read/Write** permission of the **Web Share Mode** is enabled, you can create new folders in the SD card.

Step 1 Choose microSD Card > New Folder.

Step 2 Enter the new folder name.

Step 3 Click OK.

T-Mobile [*] Broadband T-Mobile [®] Sonic [™] 4G Mobile Hotspot	123 🚚 🗩 🖪 😪 📟
Home Text Message microSD Card Settings	Logout
microSD Card: / 1.76 GB Available / 1.86 GB	
Dup C+New Folder	microSD Card Settings
Туре	Size
	40.54 MB
La xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	15.91 MB
Upload Delete Selected	

6.2.3 Deleting a File

When the **Read/Write** permission of the **Web Share Mode** is enabled, you can delete the files in the microSD card.

Step 1 Click microSD Card.

Step 2 Select the file to be deleted.

Step 3 Click Delete Selected.

6.2.4 Uploading a File

When the **Read/Write** permission of the **Web Share Mode** is enabled, you can upload files from the local to the microSD card.

Step 1 Click microSD Card.

- Step 2 Click Browse to select a file to upload.
- Step 3 Click Upload.

6.2.5 Accessing microSD Card via USB

When the **USB Access Only** mode is used, you can access the microSD card as a Removable Disk by connecting the device with the USB cable.

Step 1 Connect the device to PC with the compatible data cable.

- Step 2 The PC detects and recognizes new hardware.
- **Step 3** Enter My Computer and double-click Removable Disk mapped by the microSD card.
- Step 4 View or manage the files stored in the microSD card.

Troubleshooting

Problem Description	Possible Causes	Problem Solving		
Network security key mismatch error	The wrong Wi-Fi/SSID password was entered.	Verify that you are using the correct password or reset your Sonic 4G Mobile HotSpot to the factory settings and use the default SSID and password.		
The system cannot run the T-Mobile HotSpot Admin shortcut installation program automatically	The system configuration is having difficulty with the auto-run software.	Your Sonic 4G Mobile HotSpot will appear as a virtual CD-ROM in My Computer. Right-click Mobile HotSpot, click Open, and click AutoRun.exe. If you have previously installed a version of the program, please uninstall it first.		
Sent Message failure	The network is busy or you are in an area with no signal.	Try later or move to a location with good signal strength.		
	The connection between the pc and the Sonic 4G Mobile HotSpot is failed	Verify that you are successfully connected to your Sonic 4G Mobile HotSpot.		
Data connection failed/no Internet access	You are in the place where there is no 2G/3G/4G network coverage.	Move to an area with good signal strength.		
	The device data is corrupted.	Local network access or the target server may be experiencing problems. Retry data request.		
	The security type is incorrect	Verify the Sonic 4G Mobile HotSpot security matches the connecting device security.		

	The network is not allowing your SIM Card to use data.	Contact your operator to request access to the network or if you have a pre-paid account check to make sure you have available funds.
	IE browser is causing problems.	Upgrade to the latest version or reinstall the Internet Explorer browser.
Connected to the Internet, but unable to open any Web site	Your operating system maybe infected by a virus. Worm Blaster for example can affect upload and downloaded data flow, resulting in an inability to access a website.	Use professional antivirus software to scan your system.
Connected to the Internet but speeds are slower than normal, the device has turned off, or the screen reads "Temperature Invalid"	The device may have over heated.	Be sure to operate the device with adequate ventilation. Use of the device inside the storage pouch may cause the device to over heat and voids the manufacturers warranty. Remove the device from the pouch or non-ventilated area and wait for the device to cool down before resuming use.

8 Error Codes Screenshots

Operator name. Potential error messages displayed here include:







Acronyms and Abbreviations

2G	The Second Generation of Wireless Networks
3G	The Third Generation of Wireless Networks
4G	The Fourth Generation of Wireless Networks
AP	Access Point
DHCP	Dynamic Host Configuration Protocol
DNS	Domain Name Server
IP	Internet Protocol
MAC	Media Access Control
PIN	Personal Identification Number
SSID	Service Set Identifier
TCP	Transmission Control Protocol
UDP	User Datagram Protocol
UPnP	Universal Plug and Play
WAN	Wide Area Network
WLAN	Wireless Local Area Network
Wi-Fi	Wireless Fidelity
802.11	A set of standards for implementing wireless computer communications maintained by the IEEE.