HUAWEI

HUAWEI ETS2000 Series Fixed Wireless Terminal Data Service

User Manual

V200R002

HUAWEI ETS2000 Series Fixed Wireless Terminal Data Service

User Manual

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About This Manual

Release Notes

The product version that corresponds to the manual is HUAWEI ETS2000 Series Fixed Wireless Terminal V200R002.

Related Manuals

The following manuals provide more information about the HUAWEI ETS2000 Series Fixed Wireless Terminal V200R002.

Manual	Content			
HUAWEI ETS2000 Series Fixed Wireless Terminal User Manual	It provides information for the terminal installation, operation, usage and maintenance.			
HUAWEI ETS2000 Series Fixed Wireless Terminal Data Service User Manual	It is used for assisting the users in performing data services of ETS2000 Series Fixed Wireless Terminal. (Delivered with a CD-ROM)			

Organization

HUAWEI ETS2000 Series Fixed Wireless Terminal Data Service User Manual introduces how to perform the data service of HUAWEI ETS2000 Series Fixed Wireless Terminal (hereinafter referred to as FWT). Chapter 1 Modem describes the modem integrated with FWT.

Chapter 2 Configuration Requirements lists the minimum system requirements of the PC for conducting data service.

Chapter 3 Wireless Data Service elaborates the operation of data service in Windows 98, Windows 2000 and Windows XP respectively, including driver installation, dial-up and PC fax service, etc.

Chapter 4 Precautions describes the precautions of data service conduct.

Chapter 5 Troubleshooting introduces common faults and handling methods.

Intended Audience

The manual is intended for the user who owns FWT Data Kit.

Conventions

The manual uses the following conventions:

I. General conventions

Convention	Description			
Arial	Normal paragraphs are in Arial.			
Arial Narrow	Warnings, Cautions, Notes and Tips are in Arial Narrow.			
Boldface	Headings are in Boldface .			
Courier New	Terminal Display is in Courier New.			

II. GUI conventions

Convention	Description
<>	Button names are inside angle brackets. For example, click the <ok> button.</ok>
[]	Window names, menu items, data table and field names are inside square brackets. For example, pop up the [New User] window.
1	Multi-level menus are separated by forward slashes. For example, [File/Create/Folder].

III. Keyboard operation

Format	Description				
<key></key>	Press the key with the key name inside angle brackets. For example, <enter>, <tab>, <backspace>, or <a>.</backspace></tab></enter>				
<key1+key2></key1+key2>	Press the keys concurrently. For example, <ctrl+alt+a> means the three keys should be pressed concurrently.</ctrl+alt+a>				
<key1, key2=""></key1,>	Press the keys in turn. For example, <alt, a=""> means the two keys should be pressed in turn.</alt,>				

IV. Mouse operation

Action	Description			
Click	Press the left button or right button quickly (left button by default).			
Double Click	Press the left button twice continuously and quickly.			

Action	Description			
Drag	Press and hold the left button and drag it to a certain position.			

V. Symbols

Eye-catching symbols are also used in this manual to highlight the points worthy of special attention during the operation. They are defined as follows:

Caution, Warning, Danger: Means reader be extremely careful during the operation.

Note, Comment, Tip, Knowhow, Thought: Means a complementary description.

Environmental Protection

This product has been designed to comply with the requirements on environmental protection. For the proper storage, use and disposal of this product, national laws and regulations must be observed.

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Chapter 1 Modem

Since a Modem has been built in ETS2000 Series Fixed Wireless Terminal (FWT) before delivery, you can enjoy such data services as Web browse and data downloading by connecting the FWT to your computer via a USB serial data cable. The USB serial data cable has been supplied in the data kit, so you can purchase it from the local carrier as required. Like the standard Modem used in common computers, the Modem is easy to operate.

The procedure is as follows: 1) Connect the terminal to your computer (for specific operations, refer to *HUAWEI ETS2000 Series Fixed Wireless Terminal User Manual*). 2) Install the driver for your operating system from the CD in the data kit.

Chapter 2 Configuration Requirements

Minimum system requirements:

- 1) CPU: Pentium 100 or above.
- 2) Operating system: Windows 98, Windows 2000 or Windows XP.
- 3) Support USB1.1 or higher interface standards.
- 4) Install IE browser and FTP client.



Be sure not to install other USB-to-serial port devices on the same PC.

Chapter 3 Wireless Data Service

3.1 Install HUAWEI WIRELESS MODEM Driver

3.1.1 Install Windows 98 system Driver

 Insert the CD in the data kit into the CD-ROM. The default driver directory is: E:\Setup. Double click the icon "Setup.exe" to run Wireless Modem driver.

Discrete Note:

The CD-ROM drive E mentioned in the manual may be different from your actual computer setting. You should find the driver directory in your own computer.

2) Then the system pops up the interface [Choose Setup Language] shown in Figure 3-1, prompting you to select the language for this installation. Either Chinese or English can be selected depending on your operating system.

Choose S	etup Language	×
	Select the language for this the choices below.	installation from
	English	
	<u>RK</u>	Cancel



 Click <OK> to enter the interface [Setup Prepare] shown in Figure 3-2. It is strongly recommended that you exit all Windows programs before running this Setup program.





 Click <Next> to enter the interface [Select Install Path] shown in Figure 3-3. The default driver installation directory is: C:\HUAWEI\MODEM. If required, you can click <Browse> and change the destination installation path.

	B	rowse

Figure 3-3 Select Installation Path

5) Click <Next>, and the system will detect whether USB driver has been installed. If you use the terminal for the first time, and previously have not installed UMP 3410 Unitary Driver and UMP3410 Serial Port drivers, the system will pop up the interface shown in Figure 3-4, and prompt you to install USB driver following the three steps below. Otherwise, the system will find the device via the corresponding COM port (e.g., COM3) and prepare to install HUAWEI WIRELESS MODEM.

HUATEI Tireless Nodem	×
Install Guide	
UMP3410 Serial Port not found	
Step 1	
Plug the USB Cable into USB port of your comp	puter.
Step 2	
System will find new device automatically.	
Step 3	
Press "Next", to start install HUAWEI WIRELES	SS MODEM.
InstallShield	
	< Back. Next > Cancel

Figure 3-4 Install Guide

For the first case, specific procedure is described as follows:

Step 1: Connect one end (USB connector) of USB serial data cable to the USB port on your computer, and the other end (DB9) to the serial port on the terminal. The system will automatically find the new device "UMP 3410 Unitary Driver" and install its driver.

Step 2: After "UMP 3410 Unitary Driver" driver installation, the system will automatically find another new device "UMP3410 Serial Port" and install its driver.

Step 3: In Figure 3-4, click <Next> to start to install HUAWEI WIRELESS MODEM.

 The system prompts that Setup Program has installed HUAWEI WIRELESS MODEM on your computer successfully. Click <Finish> to complete the installation.



Figure 3-5 Setup Complete

 After the driver installation, the system will add "HUAWEI WIRELESS MODEM" in [Control Panel/Modems], as shown in Figure 3-6.

Modems Properties
General Diagnostics
The following modems are set up on this computer:
Standard 19200 by Modern
Add Remove Properties Dialing preferences
Dialing from: New Location
Click Dialing Properties to modify how your calls are dialed.
Dialing Properties
Close Cancel

Figure 3-6 Modems Properties

 The system will add "UMP 3410 Unitary Driver" in [Control Panel/System/Device Manager/UMP], and "UMP 3410 Serial Port" in [Control Panel/System/Device Manager/Ports (COM & LPT)], as shown in Figure 3-7.

User Manual HUAWEI ETS2000 Series Fixed Wireless Terminal Data Service

System Pr	operties					? ×
General	Device Manage	Hardware	Profiles	Performanc	e	
	w devices by typ Keyboard Modem Monitors Mouse Network adapt Network adapt Ports (COM & L 	e CV PT) ations Port (C ations Port (C r Port (LPT1) serial Port (C und game cor	iew devic DM1) DM2) DM3)	Performanc		•
	UMP UMP 3410 Universal Seria	Unitary Drive I Bus controll	Čş			-
	perties	Re <u>f</u> resh	R <u>e</u> r	nove	Pri <u>n</u> t	Incel
·····				511		

Figure 3-7 System Properties

3.1.2 Install Windows 2000 system Driver

 Insert the CD in the data kit into the CD-ROM. The default driver directory is: E:\Setup. Double click the icon "Setup.exe" to run Wireless Modem driver

Dote:

The CD-ROM drive E mentioned in the manual may be different from your actual computer setting. You should find the driver directory in your own computer.

2) Then the system pops up the interface [Choose Setup Language] shown in Figure 3-8, prompting you to select the language for this installation. Either Chinese or English can be selected depending on your operating system.

Choose Se	etup Language 🛛 🔀
2	Select the language for this installation from the choices below.
	English ▼

Figure 3-8 Choose Setup Language

 Click <OK> to enter the interface [Setup Prepare] shown in Figure 3-9. It is strongly recommended that you exit all Windows programs before running this Setup program.



Figure 3-9 Setup Prepare

 Click <Next> to enter the interface [Select Install Path] shown in Figure 3-10. The default driver installation directory is: C:\HUAWEI\MODEM. If required, you can click <Browse> and change the destination installation path.

HUAWEI Wireless Modem		×
Select Install Path		2
Please select the path to install the driver files.		
C:\HUAWEI\MODEM	Browse	
	< <u>B</u> ack <u>Next></u> Cance	

Figure 3-10 Select Install Path

5) Click <Next>, and the system will detect whether USB driver has been installed. If you use the FWT for the first time, and previously have not installed TIUSB3410 and TIUMP SERIAL PORT drivers, the system will pop up the interface shown in Figure 3-11, and prompt you to install USB driver following the three steps below. Otherwise, the system will find the device via the corresponding COM port (e.g., COM7) and prepare to install HUAWEI WIRELESS MODEM.

HUAWEI Wireless Modem		
Install Guide		
"TIUMP USB Serial Port" was not finded on your c Port" driver first.	computer. Please Install "TIUMP USB Serial	
Step 1		
Plug the USB Cable into USB port of your computer. HardWare Wizard will find new device "TIUSB3410". Select "Install the software automatically" and go on.The operating system will install the driver automatically.		
Step 2 HardWare Wizard will find another new device "TIL software automatically" and go on.The operating sy		
Step 3		
Press "Next", to start install HUAWEI WIRELESS I	MODEM	
InstallShield		
	< Back Next > Cancel	



For the first case, specific procedure is described as follows:

Step 1: Connect one end (USB connector) of USB serial data cable to the USB port on your computer, and the other end (DB9) to the serial port on the FWT. The system will automatically find the new device "TIUSB3410" and install its driver.

Step 2: After "TIUSB3410" driver installation, the system will automatically find another new device "TIUMP USB Serial Port" and install its driver.

After the two drivers installation, the system will automatically add "TIUSB3410" in [Control Panel/System/Hardware/Device Manager/ TI UMP Devices], and "TIUMP USB Serial Port" in [Control Panel/ System/Hardware/Device Manager/Ports (COM & LPT)], as shown in Figure 3-12.

Step 3: In Figure 3-11, click <Next> to start to install HUAWEI WIRELESS MODEM.



Figure 3-12 Device Manager

 The system will find the device via the corresponding COM port (e.g., COM7) and install its driver, as shown in Figure 3-13.



Figure 3-13 Found Port Device

7) As shown in Figure 3-14, click <Yes> to continue the installation.



Figure 3-14 Digital Signature Not Found

 As shown in Figure 3-15, HUAWEI MODEM has been installed successfully. Click <Finish> to complete the installation.

HUAWEI Wireless Modem	
	Setup Complete
	Congratulation! Setup Program has installed HUAWEI MODEM on your computer successfully.
	You Can use data service provided by HUAWEI WIRELESS MODEM.
$U \ge V$	
	< Back Finish Cancel

Figure 3-15 Setup Complete

 After the Modem driver installation, the system will add "HUAWEI WIRELESS MODEM" in [Control Panel/System/Hardware/Device Manager/Modems], as shown in Figure 3-16.



Figure 3-16 Device Manager

3.1.3 Install Windows XP system Driver

 Insert the CD in the data kit into the CD-ROM. The default driver directory is: E:\Setup. Double click the icon "Setup.exe" to run Wireless Modem driver.

Dote:

The CD-ROM drive E mentioned in the manual may be different from your actual computer setting. You should find the driver directory in your own computer.

2) Then the system pops up the interface [Choose Setup Language] shown in Figure 3-17, prompting you to select the language for this installation. Either Chinese or English can be selected depending on your operating system.

Choose 9	Setup Language 🛛 🔀
	Select the language for this installation from the choices below.
1.1 A set of a set	
	English 💌

Figure 3-17 Choose Setup Language

 Click <OK> to enter the interface [Setup Prepare] shown in Figure 3-18. It is strongly recommended that you exit all Windows programs before running this Setup program.



Figure 3-18 Setup Prepare

 Click <Next> to enter the interface [Select Install Path] shown in Figure 3-19. The default driver installation directory is: C:\HUAWEI\MODEM. If required, you can click <Browse> and change the destination installation path.

HUAVEI Vireless Nodem	
Select Install Path	
Please select the path to install the driver files.	
Destination Folder	
C:\HUAWEI\MODEM	Browse
InstallShield	
	< <u>B</u> ack (<u>Next</u> >) Cancel

Figure 3-19 Select Install Path

5) Click <Next>, and the system will detect whether USB driver has been installed. If you use the FWT for the first time, and previously have not installed TIUSB3410 and TIUMP SERIAL PORT drivers, the system will pop up the interface shown in Figure 3-20, and prompt you to install USB driver following the three steps below. Otherwise, the system will find the device via the corresponding COM port (e.g., COM4) and prepare to install HUAWEI WIRELESS MODEM.

HUAWEI Wireless Modem		
Install Guide		
"TIUMP USB Serial Port" was not finded on your computer. Please Install "TIUMP USB Serial Port" driver first.		
Step 1		
Plug the USB Cable into USB port of your computer. HardWare Wizard will find new device "TIUSB3410". Select "Install the software automatically" and go on.The operating system will install the driver automatically.		
Step 2		
HardWare Wizard will find another new device "TIUMP USB Serial Port". Select "Install the software automatically" and go on. The operating system will install the driver automatically.		
Step 3		
Press "Next", to start install HUAWEI WIRELESS MODEM		
InstallShield		
< Back Next > Cancel		



For the first case, specific procedure is described as follows:

Step 1: Connect one end (USB connector) of USB serial data cable to the USB port on your computer, and the other end (DB9) to the serial port on the FWT. The system will automatically find the new device "TIUSB3410", as shown in Figure 3-21. Select the radio button followed by [Install the software automatically (Recommended)], then click <Next>. The system will automatically install its driver, as shown in Figure 3-22. Click <Finish> to close the wizard.

Found New Hardware Wizard	
	Welcome to the Found New Hardware Wizard
	This wizard helps you install software for:
	TUSB3410 Boot Device
	If your hardware came with an installation CD or floppy disk, insert it now.
	What do you want the wizard to do?
	 Install the software automatically (Recommended) Install from a list or specific location (Advanced)
	Click Next to continue.
	< Back Nert> Cancel

Figure 3-21 Found TIUSB3410

Found New Hardware Wizard	
	Completing the Found New Hardware Wizard The wizard has finished installing the software for: TUSB3410
	Click Finish to close the wizard.
	< Back Finish Cancel

Figure 3-22 Setup Complete

Step 2: After "TIUSB3410" driver installation, the system will automatically find another new device "TIUMP USB Serial Port" and install its driver, as shown in Figure 3-23. Select the radio button followed by [Install the software automatically (Recommended)], then click <Next>. The system will automatically finish "TIUMP USB Serial Port" driver installation and switch to Figure 3-24. Click <Continue Anyway> to install its driver, as shown in Figure 3-25. Click <Finish> to close the wizard.



Figure 3-23 Found TIUMP USB Serial Port

Hardwa	re Installation
1	The software you are installing for this hardware: TIUMP USB Serial Port has not passed Windows Logo testing to verify its compatibility with Windows XP. (<u>Tell me why this testing is important.</u>) Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
	Continue Anyway STOP Installation

Figure 3-24 Windows Logo Testing

Found New Hardware Wizard	
	Completing the Found New Hardware Wizard The wizard has finished installing the software for:
Click Finish to close the wizard.	
	K Back

Figure 3-25 Finish Installation

After the two drivers installation, the system will automatically add "TIUSB3410" in [Control Panel/System/Hardware/Device Manager/ TI UMP Devices], and "TIUMP USB Serial Port" in [Control Panel/ System/Hardware/Device Manager/Ports (COM & LPT)], as shown in Figure 3-26.



Figure 3-26 Device Manager

Step 3: In Figure 3-20, click <Next> to start to install HUAWEI WIRELESS MODEM.

 The system will find the device via the corresponding COM port (e.g., COM4) and install its driver, as shown in Figure 3-27.



Figure 3-27 Found Port Device

 As shown in Figure 3-28, click <Continue Anyway> to install Modem driver.

Hardwa	re Installation
1	The software you are installing for this hardware: HUAWEI WIRELESS MODEM(153.6K) has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.) Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
	Continue Anyway STOP Installation

Figure 3-28 Windows Logo Testing

 As shown in Figure 3-29, HUAWEI MODEM has been installed successfully. Click <Finish> to complete the installation.





 After the Modem driver installation, the system will add "HUAWEI WIRELESS MODEM" in [Control Panel/System/Hardware/Device Manager/Modems], as shown in Figure 3-30.



Figure 3-30 Device Manager

3.2 Data Service Reference

You can perform data services such as high-speed packet data access, low-speed data service access, and PC fax. For specific operations of data services, consult your operator.
3.2.1 High-speed Packet Data Access

I. Dial Up to the Internet on Windows 98

1) Click

[Start/Programs/Accessories/Communications/Dial-Up Networking], and the Dial-Up Networking dialog box will pop up. Double click [Make New Connection] to enter the interface shown in Figure 3-31, and then type your custom name for the computer that you are dialing (such as "HUAWEI WIRELESS MODEM"). Select "HUAWEI WIRELESS MODEM (153.6K)" in the drop-down list box, then click <Next>.

Make New Connection		×
	Type a name for the computer you are dialing:	
1	HUAWEI WIRELESS MODEM	
Imm	Select a <u>d</u> evice:	
	HUAWEI WIRELESS MODEM(153.6K)	•
	<u>C</u> onfigure	
	< Back. Next > Cance	

Figure 3-31 Select Modem

 As shown in Figure 3-32, type the telephone number (such as "#777") as required in the text box and select the country or region code {e.g., United States of America (1)} in the drop-down list box.

Make New Connection	
	Type the phone number for the computer you want to call: Agea code: Ielephone number: I I I I I I I I I I I I I I I I I I I
	< <u>B</u> ack Next> Cancel

Figure 3-32 Type Dialing Number

 Click <Next> to enter the interface shown in Figure 3-33, then click <Finish> completing the establishment of Dial-Up Networking.

Make New Connection	
	You have successfully created a new Dial-Up Networking connection called: HUAVET WIRELESS MODEM Click Finish to save it in your Dial-Up Networking folder. Double-click it to connect. To edit this connection later, click it, click the File menu and then click Properties.
	< <u>B</u> ack Finish Cancel

Figure 3-33 Finish Dial-Up Networking Establishment

4) In the [Dial-Up Networking] dialog box shown in Figure 3-34, right click the icon "HUAWEI WIRELESS MODEM" to pop up a shortcut menu, and then click [property] to activate properties dialog box, and uncheck the check box followed by [Use area code and Dialing Properties], as shown in Figure 3-35.



Figure 3-34 HUAWEI WIRELESS MODEM

HUAWEI WIRELESS MODEM ? 🗙
General Server Types Scripting Multilink
Phone number: Area code: Telephone number:
Country code:
Use area code and Dialing Properties
HUAWEI WIRELESS MODEM(153.6K)
OK Cancel

Figure 3-35 Dialing Properties

5) In the [Dial-Up Networking] dialog box shown in Figure 3-34, double click the icon "HUAWEI WIRELESS MODEM" to pop up the [Connect To] dialog box, as shown in Figure 3-36. Then enter User name, Password and Phone number in the corresponding text boxes. Click <Connect> to enter the dialing state. If the user name and password pass the authentication from the server, you can conduct the data services.

Connect To		? ×
во ни	AWEI WIRELESS	
<u>U</u> ser name: <u>P</u> assword:	huawei	_
Phone <u>n</u> umber: Dialing <u>f</u> rom:	#777 New Location	Dial Properties
	Conpect	Cancel

Figure 3-36 Dialing Setting

Caution:

You need to enter a high-speed packet access phone number in establishing a dialup connection. The login user name and password may be different in different networks. For more details, consult the local carrier while applying for the data services.

II. Dial Up to the Internet on Windows 2000

1) Click

[Start/Programs/Accessories/Communications/Network

and Dial-up Connections], and the [Network and Dial-up Connections] dialog box will pop up. Click [File/Make New Connection] to pop up the interface [Network Connection Wizard], as shown in Figure 3-37. Then click <Next> to continue.



Figure 3-37 Network Connection Wizard

2) As shown in Figure 3-38, select the radio button followed by [Dial-up to private network], then click <Next>.

etwork C	onnection Wizard
Yo	rk Connection Type u can choose the type of network connection you want to create, based on ur network configuration and your networking needs.
۰	Dial-up to private network Connect using my phone line (modem or ISDN).
0	Dial-up to the Internet Connect to the Internet using my phone line (modern or ISDN).
C	Connect to a private network through the Internet Create a Virtual Private Network (VPN) connection or 'tunnel' through the Internet.
C	Accept incoming connections Let other computers connect to mine by phone line, the Internet, or direct cable.
C	Connect directly to another computer Connect using my serial, parallel, or infrared port.
	< Back Next Cancel

Figure 3-38 Select Network Connection Type

 As shown in Figure 3-39, if only HUAWEI WIRELESS MODEM is installed in your operating system, you will not see the following window. Otherwise, select "HUAWEI WIRELESS MODEM", then click <Next>.



Figure 3-39 Select the Modem

4) As shown in Figure 3-40, enter the phone number (e.g., "#777") as required, then click <Next>.

etwork Connection Wizard	
Phone Number to Dial You must specify the pho connect to.	ne number of the computer or network you want to
	of the computer or network you are connecting to. If you want te automatically how to dial from different locations, check Use
Area code:	Phone number: #777
Country/region code:	· ·
, Use dialing rules	_
	K Next Cancel

Figure 3-40 Enter Phone Number

5) As shown in Figure 3-41, select the radio button followed by [For all users], then click <Next>.

Network Connection Wizard
Connection Availability You may make the new connection available to all users, or just yourself.
You may make this connection available to all users, or keep it only for your own use. A connection stored in your profile will not be available unless you are logged on.
Create this connection:
For all users
C Only for myself
K Back News Cancel

Figure 3-41 Connection Availability

 As shown in Figure 3-42, type the name (e.g., "HUAWEI WIRELESS MODEM") you want to use for this connection, then click <Finish> to complete the establishment of dialing connection.



Figure 3-42 Finish Network Connection

7) In the [Network and Dial-up Connections] window, double click the new connection "HUAWEI WIRELESS MODEM" to enter the interface shown in Figure 3-43, then click <Dial> to enter the dialing state. If the user name and password pass the authentication from the server, you can conduct the data services.

Connect HUAW	EI WIRELESS MODEM	?×
	16	Ÿ
User name:	HUAWEI	
Password:	*****	
	Save password	
Dial:	#777	•
Dial	Cancel Properties	Help

Figure 3-43 Dial-up to the Internet

Caution:

You need to enter a high-speed packet access phone number in establishing a dialup connection. The login user name and password may be different in different networks. For more details, consult the local carrier while applying for the data services.

III. Dial Up to the Internet on Windows XP

1) Click

[Start/Programs/Accessories/Communications/Network Connections], and the [Network Connections] dialog box will pop up. Click the menu item [Create a new connection] to pop up the interface [New Connection Wizard], as shown in Figure 3-44, then click <Next>.



Figure 3-44 New Connection Wizard

 As shown in Figure 3-45, select the radio button followed by [Connect to the Internet], then click <Next>.

New Connection Wizard
Network Connection Type What do you want to do?
 Connect to the Internet Connect to the Internet so you can browse the Web and read email. Connect to the network at my workplace Connect to a business network (using dial-up or VPN) so you can work from home, a field office, or another location. Set up a home or small office network Connect to an existing home or small office network or set up a new one. Set up a advanced connection Connect to another computer using your serial, parallel, or infrared port, or set up this computer so that other computers can connect to it.
< Back Nret Cancel

Figure 3-45 Select Network Connection Type

3) As shown in Figure 3-46, select the radio button followed by [Set up my connection manually] then click <Next>.

New Connection Wizard
Getting Ready The wizard is preparing to set up your Internet connection.
How do you want to connect to the Internet?
Choose from a list of Internet service providers (ISPs)
Set up my connection manually
For a dial-up connection, you will need your account name, password, and a phone number for your ISP. For a broadband account, you won't need a phone number.
○ Use the CD I got from an ISP
< Back Next> Cancel

Figure 3-46 Select Connection Mode

4) As shown in Figure 3-47, select the radio button followed by [Connect using a dial-up modem], then click <Next>.



Figure 3-47 Select a dial-up Modem

5) As shown in Figure 3-48, if only HUAWEI WIRELESS MODEM is installed in your operating system, you will not see the following window. Otherwise, select "HUAWEI WIRELESS MODEM", then click <Next>.

ke the connection. on your computer. ion: xODEM(153.6K) (COM4) odem (CDM1)
ion: 40DEM(153.6K) (COM4)
40DEM(153.6K) (COM4)
<back next=""> Car</back>

Figure 3-48 Select Modem

6) As shown in Figure 3-49, enter the ISP Name (e.g., "HUAWEI") as required, then click <Next>.

New Connection Wizard
Connection Name What is the name of the service that provides your Internet connection?
Type the name of your ISP in the following box. ISP Name
HUAWE
The name you type here will be the name of the connection you are creating.
Cancel

Figure 3-49 Enter ISP Name

7) As shown in Figure 3-50, enter the Phone number (e.g., "#777") as required, then click <Next>.

- Mane - Mane	1.00115
New Connection Wizard	
Phone Number to Dial What is your ISP's phone number?	S)
Type the phone number below. Phone number: #777] You might need to include a "1" or the area code, or both. If you are not sur you need the extra numbers, dial the phone number on your telephone. If yo hear a modern sound, the number dialed is correct.	
(Back Net	Cancel

Figure 3-50 Enter Phone Number

8) As shown in Figure 3-51, enter the User name and Password as required, then click <Next>.

New Connection Wizard	
Internet Account Inform You will need an acco	nation unt name and password to sign in to your Internet account.
	name and password, then write down this information and store it in a forgotten an existing account name or password, contact your ISP.)
User name:	huawei
Password:	•••••
Confirm password:	•••••
Use this account in this computer	name and password when anyone connects to the Internet from
🗹 Make this the defa	ult Internet connection
🗹 Turn on Internet Co	onnection Firewall for this connection
	K Back New Cancel

Figure 3-51 Enter Internet Account Information

9) As shown in Figure 3-52, click <Finish> to create the connection and close this wizard.

New Connection Wizard	
S	Completing the New Connection Wizard
	You have successfully completed the steps needed to create the following connection:
	HUAWEI • Make this the default connection • This connection is firewalled • Share with all users of this computer • Use the same user name & password for everyone
	The connection will be saved in the Network Connections folder.
	Add a shortcut to this connection to my desktop
	To create the connection and close this wizard, click Finish.
	< Back Finish Cancel

Figure 3-52 Finish Creating a Connection

10) In the [Network Connections] window, double click the new connection "HUAWEI" to enter the interface shown in Figure 3-53, then click <Dial> to enter the dialing state. If the user name and password pass the authentication from the server, you can conduct the data services.



Figure 3-53 Dial up to the Internet



You need to enter a high-speed packet access phone number in establishing a dialup connection. The login user name and password may be different in different networks. For more details, consult the local carrier while applying for the data services.

3.2.2 Low-speed Data Service Access

Compared with high-speed packet data service access, low-speed data service access provides a lower transfer rate. The differences between them are that you need to type a corresponding access telephone number, user name and password based on the access information provided by your ISP.



It is likely that the connection rate displayed by the system is the one on a serial port. For a specific transfer rate, consult your operator.

3.2.3 PC Fax Service

You can use the PC fax service function to send/receive a fax. In addition, you can choose PC fax software as required.

A Note:

For specific operations of PC fax software, refer to the instruction of the relevant software. This section only describes the relative operation of the FWT in implementing a PC fax service.

I. Preparations

- 1) Install HUAWEI WIRELESS MODEM driver on your PC.
- 2) Install the fax software on your PC.

II. Configuration Procedure

- Connect one end of a USB cable to your PC, and the other end to the FWT.
- Open the switch on the FWT, and set the baud rate between the FWT and your PC to 19200 bps through operation menus. The operation procedures are as follows:

Step	Operation
1	Press <set store=""> to enter the menu selection. Use the left or right direction keys to select the menu $\underline{S-dRLR \ rRLE}$.</set>
2	Press <set store=""> to enter the parameter configuration. Use the left or right direction keys to set the serial baud rate as 19200 bps.</set>
3	Press <set store=""> to save the configuration.</set>

Dote:

If you unplug the data cable connecting the FWT and re-plug it, the baudrate of the serial port on the FWT will restore to the default value (230400bps). To change the rate, you need to reset the parameter.

Caution:

After configuring the serial baud rate on the FWT, you need configure the same rate for the PC fax software. For details, refer to the directions shipped with that software.

III. PC fax sending and receiving

Before receiving fax data through PC, first you need to set the FWT status as PC fax auto-receiving. The operation procedures are as follows:

- 1) Press $\langle \text{SET}/\text{STORE} \rangle$ to enter the menu selection. Use the left or right direction keys to select the menu *B-FRLS*.
- Press <SET/STORE> to enter the status configuration. In indicates to enable the PC fax auto-receiving, and IFF indicates to disable the PC fax auto-receiving. Use the left or right direction keys to set the status as In.
- 3) Press <SET/STORE> to save the configuration.

A Note:

To disable the PC fax auto-receiving, first select the menu B-FRCS, and then set the status as D-FRCS. Alternatively, you can reset the FWT to change the status as voice answering mode.

Caution:

To terminate PC fax data sending/receiving, you need to press <END>.

Chapter 4 Precautions

- To enable the FWT to connect to the Internet, make sure that you have applied for the data services for the FWT after purchasing the data suite from the carrier.
- The login user name and password may be different in different networks. For more details, consult the local carrier while applying for the data services.
- 3) If you are using the data services, such as dial-up to the Internet or the PC fax, the FWT will show **GRER SECUTE** indicating that the telephone is out of service. To use the telephone service, please end the data service applications on the PC first. If the FWT still shows **GRER SECUTE**, please press <END>. Do not press this key while the data service is still in use.
- 4) During the installation of data service driver, please strictly follow the installation procedure described in this manual and decide when to insert the USB cable.
- After the installation of data service driver, please make sure the serial port of the Modem is consistent with the USB port.
- 6) After the installation of data service driver, please check if the Modem icon appears in the device explorer. If not, refresh the current display and find it.

Chapter 5 Troubleshooting

I. The system prompts that the Modem has no response at dial-up

- 1) Check whether you have switched on the FWT and connected the USB serial data cable properly.
- 2) Check whether the wireless Modem driver has been installed properly.
- 3) Check whether the baud rate on the serial interface of the Modem is 230400bps (by default). If it is not, you need to reset it to the default value and restart the FWT.

II. The system prompts that a dial-up networking connection can not be created or that the dial-up network is not connected to the server at dial-up

Check whether the user name and password typed are correct. If the fault still exists, contact the operator.

III. The system prompts that the remote server has no response at dial-up

- Check whether the telephone number typed is correct. For example, the telephone number is "#777" when you dial up through the high-speed packet data service. For a specific number, consult the operator.
- 2) It is possibly that the remote server is busy. Retry later.

3) Make sure that you have applied for the data services.

IV. The serial port number of the Modem is not consistent with that of the USB in Win98/WinXP/Win2000 system

In Win98 system, you need to modify the serial port number of the Modem so that the serial port number of the Modem is the same as that of the USB. The process is shown as the follows:

- 1) Double click Modems at the control panel.
- 2) Select "HUAWEI WIRELESS MODEM (153.6K)".
- 3) Click < Properties>.
- 4) Select "Communications Port".
- 5) Click <Ok>.

In WinXP/Win2000 system, if the serial port number of the USB is changed which is not consist with that of the Modem, you can not modify the port number of the Modem. You must to reinstall the Modem follow the following steps.

- 1) Double click "Phone and Modem Options" at the control panel.
- 2) Select "Modems" tab.
- 3) Click <Add>.
- 4) Select "Don't detect my modem; I will select it from a list"
- 5) Click <Have Disk...>.
- Put the CD of the data service which is came with the terminal to the CD-ROM and look for the following path: Driver Files\WinXP(Win2000).
- Select the serial port number which is the same as that of the USB.