

Hamlet

WI-FI MOBILE STATION USB 3.0
External Enclosure for 2.5" SATA III Hard Disk



User Manual
HXD25WIFI

www.hamletcom.com

Dear Customer,

Thanks for choosing a Hamlet product. Please carefully follow the instructions for its use and maintenance and, once this item has run its life span, we kindly ask You to dispose of it in an environmentally friendly way, by putting it in the separate bins for electrical/electronic waste, or to bring it back to your retailer who will collect it for free.

We inform You this product is manufactured with materials and components in compliance with RoHS Directive 2011/65/EU; with WEEE Directive 2002/96/CE, 2003/108/CE Italian Legislative Decree 2005/151 and R&TTE 1999/5/EC Directive for the following standards:

EN 60950-1: 2006 + A11: 2009 + A1: 2010 + A12: 2011

ETSI EN 301 489-1 V1.9.2 (2011-09)

ETSI EN 301 489-17 V2.2.1 (2012-09)

ETSI EN 300 328-1 V1.8.1 (2012-06)



The complete CE declaration of conformity of the product can be obtained by contacting Hamlet at info@hamletcom.com.

The information on the importer for your country can be found in the “About Us” section of the Hamlet website at www.hamletcom.com.

CE Mark Warning

This is a Class B product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

Trademarks and changes

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The material in this document is for information only. Contents, specifications and appearance of the product are indicative and may change without notice.

1 Description

Hamlet Wi-Fi Mobile Station is a wireless external enclosure for 2.5" SATA hard disk ideal for sharing your files over the Wi-Fi network with Smartphone, Tablet PC, Smart TV, Computer and other devices. The free App for iOS and Android is available from App Store and Google Play. Thanks to the built-in 3000mAh rechargeable battery, Hamlet Wi-Fi Mobile Station can be used anywhere also as a Battery Bank for charging your mobile devices. In addition, it can be used as an Access Point for sharing the Internet connection through an ADSL modem/router. Direct computer connection via USB 3.0 cable allows maximum data transfer rate.

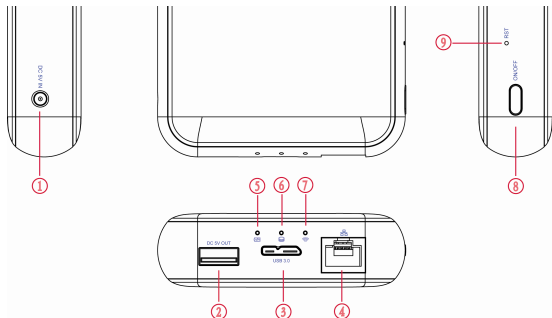
1.1 Features

- Wi-Fi external enclosure for 2.5" SATA I/II/III Hard Disk Drive
- IEEE 802.11b/g/n wireless interface up to 150Mbps
- Supports SATA I/II/III HDD or SSD up to 2TB
- SATA III interface with data transfer rate up to 6 Gbps
- Free App for iOS and Android
- USB 3.0 port with data transfer rate up to 5 Gbps
- Backward compatible with USB 2.0 and USB 1.1
- Built-in RJ45 10/100Mbps LAN port
- Supports SAMBA/DLNA server and Universal Plug and Play (UPnP)
- Supports WPA/WPA2 wireless encryption
- Rechargeable lithium-polymer battery 3000mAh
- Activity LED indicators
- Plug & Play and Hot-Swap support
- USB 3.0 cable included
- Dimensions: 137 × 83 × 24 mm
- Weight: 172 g
- Compatible with Windows XP/Vista/7/8, Mac OS 10.4 or above, Linux, Android and iOS

1.2 Package content

- Wi-Fi Mobile Station USB 3.0
- USB 3.0 cable
- USB charging cable
- User's manual

2 Product overview



1. 5V DC power input for battery recharging
2. USB 5V DC power output for recharging mobile devices
3. USB 3.0 port for computer connection
4. RJ45 10/100Mbps LAN port
5. Power LED (Blue/Orange)
6. HDD LED (Blue)
7. Wi-Fi LED (Red/White)
8. On/Off power button
9. Reset button

2.1 LED description

Power/Battery LED	
Blue (on)	Battery capacity > 60%
Orange (flash slowly)	Battery capacity 20~60%
Orange (flash quickly)	Battery capacity < 20%

HDD Activity LED	
Blue (on)	HDD standby status
Blue (flash)	HDD read/write status

Wi-Fi Activity LED	
Red (flash) White (on)	Wi-Fi working LAN connection via RJ45 cable

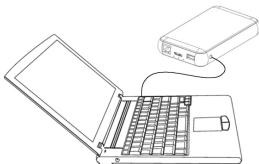
2.2 Battery charging

The power LED flashes Red when the battery of Wi-Fi Mobile Station is low and need to be recharged.

You can charge the device in two ways as described below.

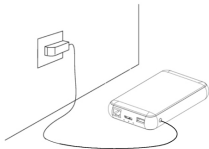
Charge by computer

Connect the included USB charging cable to a USB port of your computer and to the 5V DC power input of the device.



Charge by USB power adapter*

Connect the USB charging cable supplied to the 5V DC power input of the device and to a compatible USB wall charger.



* USB power adapter sold separately. For device recharging we recommend to use a 2000 mA USB power adapter like Hamlet XPW220MOB.

2.3 Default settings

The default setting of the Wi-Fi Mobile Station are as follows.

IP address	192.168.169.1
Subnet mask	255.255.255.0
DHCP	Enabled
Username	admin
Password	admin
SSID	Hamlet-WiFiDisk-XXXX
Wi-Fi Key	az48486y

Important Notes

If the hard drive installed in the enclosure is not formatted, you need to format it before use. Please refer to your operating system manual for the correct formatting procedure.

Any loss, corruption or destruction of data while using a Hamlet drive is the sole responsibility of the user, and under no circumstances will Hamlet be held liable for the recovery or restoration of this data. To help prevent the loss of your data, it is highly recommended that you keep TWO copies of your data; one copy on your external hard drive, for instance, and a second copy either on your internal hard drive, another external hard drive or some other form of removable storage media.

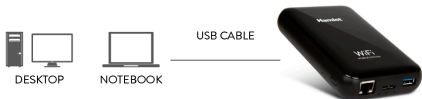
3 Operation modes of Wi-Fi Mobile Station

Hamlet Wi-Fi Mobile Station can be used in different ways depending on the user needs. The different operation modes of the device are shown below.

3.1 USB Hard Drive

The device is connected directly to the computer via the USB cable and the hard disk is used as a standard external drive.

In this mode, the Wi-Fi interface is disabled.



3.2 Wireless Hard Disk

The device is available only through Wi-Fi connection.

In this mode the hard disk is used as a wireless hard drive.



Important Note: The access to the device as wireless hard disk is limited to 4 users simultaneously.

3.3 Access Point

The device is connected to an ADSL modem/router with a LAN cable and works as a wireless access point to the Internet.

The contents of the hard disk is accessible via Wi-Fi.



3.4 Wireless Repeater

The device is connected to an existing Wi-Fi network to extend the coverage area of the wireless signal.

The contents of the hard disk is accessible via Wi-Fi.



3.5 Network drive (NAS)

The device is connected to an ADSL modem/router with a network cable and works as a network drive (NAS) and access point.

The contents of the hard disk is accessible as a network drive via LAN and as wireless hard disk through Wi-Fi.



3.6 Battery Bank function

Wi-Fi Mobile Station can also be used as a battery charger to charge mobile devices such as smartphones and tablets.



1. Connect the charging cable of your mobile device to the USB output port of Wi-Fi Mobile Station.
2. Press the power button of Wi-Fi Mobile Station to start charging your device.

4 Installation of Wi-Fi Mobile Station

4.1 USB Hard Disk mode

The device can act as an external hard drive when it is connected to a computer through USB cable.

3. Insert the hard drive into the Wi-Fi enclosure, making sure to place it in the correct direction.
4. Make sure the HDD is firmly connected to the SATA connector.
5. Position the cover and close the enclosure by sliding the cover until you hear a click.
6. Connect the USB 3.0 cable to the Wi-Fi enclosure and to an available USB port of your computer.
7. Turn on the device by pressing the power button.
8. The computer will automatically detect the new hardware and the hard disk will be visible and accessible by the operating system as a standard external drive.

Note: The Wi-Fi interface is automatically turned off when the Wi-Fi Mobile Station is connected via USB cable.

4.2 Wireless Hard Disk mode (Wi-Fi direct connection)

Please follow the steps below to use the device as a wireless storage drive.

1. Insert the hard drive into the Wi-Fi enclosure, making sure to place it in the correct direction.
2. Make sure the HDD is firmly connected to the SATA connector.
3. Position the cover and close the enclosure by sliding the cover until you hear a click.
4. Turn on the device pressing the power button.
5. Please wait at least 40 seconds for the Wi-Fi signal to be ready.
6. Open the wireless utility of your operating system and connect to "Hamlet-WiFiDisk-XXXX" wireless network.
7. When requested, input the Wi-Fi key. The default password is "az48486y".

Your device is now wirelessly connected to the Wi-Fi Mobile Station. Please refer to chapter 5 of this manual to learn about the different ways to access the hard disk data.

4.3 Access Point mode (Internet/Hotel connection)

The Access Point mode allows you to use Wi-Fi Mobile Station as access point to the Internet for devices connected to its Wi-Fi network.

To provide the Internet connection to the devices, the Wi-Fi enclosure must be connected via a network cable to an ADSL modem or a local area network with Internet access.

1. Insert the hard drive into the Wi-Fi enclosure, making sure to place it in the correct direction.
2. Make sure the HDD is firmly connected to the SATA connector.
3. Position the cover and close the enclosure by sliding the cover until you hear a click.
4. Connect the LAN port of Wi-Fi Mobile Station to a LAN port of your ADSL modem using a RJ45 LAN cable (not included).
5. Turn on the device by pressing the power button.
6. The Wi-Fi enclosure automatically detects the Internet connection settings of your home network without the need for user configuration.

The device is now configured as an Access Point. To surf the Internet or access data stored on the hard disk just connect to the Wi-Fi network of the device.

Note: The ADSL modem/router to which you want to connect the Wi-Fi enclosure must have DHCP enabled.

4.4 Wireless Repeater mode (Wi-Fi network extension)

The Wireless Repeater mode allows you to connect the Wi-Fi Mobile Station to an existing Wi-Fi network to extend the coverage area of the wireless signal. To use the device as a Wireless Repeater, proceed as indicated in the following steps.

1. Insert the hard drive into the Wi-Fi enclosure, making sure to place it in the correct direction.
2. Make sure the HDD is firmly connected to the SATA connector.
3. Position the cover and close the enclosure by sliding the cover until you hear a click.
4. Turn on the device by pressing the power button and wait at least 40 seconds for the Wi-Fi signal to be ready.
5. Connect to “Hamlet-WiFiDisk-XXXX” wireless network and type in the Wi-Fi key when requested (default password is “az48486y”).
6. Open the web browser, type in **http://192.168.169.1** in the address bar and press **Enter**. In the login screen type in user name (admin) and password (admin) and click **OK** to access the web interface of the Wi-Fi Mobile Station.



Wireless Storage



WiFi Repeater



Router Settings

7. Click on **WiFi Repeater** icon to access the configuration page.



ADSL



LAN to Router



WiFi Setting



Media sharing



Advanced

DHCP

Static IP

WiFi Repeater

AP Mode

Current SSID in air:

No.	Valid SSID	Encryption type	Signal
<input checked="" type="radio"/> 1	wlan200	WPA1PSKWPA2PSK/TKIP/AES	78
<input type="radio"/> 2	wlanguest	NONE	34

WiFi Password:

ASCII ▾

Search all APs

I want to use WiFi repeat next time

Apply

8. Press the **Search all APs** button to view the available Wi-Fi networks.
9. Select the network you want to connect the Wi-Fi Mobile Station, if the network is secured enter the Wi-Fi password, and press the **Apply** button to save the configuration.
10. Wait for the device to reboot and then reconnect to the Wi-Fi network of the Wi-Fi Mobile Station.

The Wi-Fi Mobile Station is so configured as a Wireless Repeater.

Note: In this mode, the LAN port on the device should be disconnected. Once you set up the Wi-Fi Mobile Station as a Repeater, the web interface is no longer accessible. To change the configuration of the Wi-Fi Mobile Station, it will be necessary to reset the device.

4.5 NAS mode (Network hard drive)

This operation mode allows you to use the device as a network drive (NAS), thus making the data contained on the hard disk accessible to all users connected to the local network.

1. Insert the hard drive into the Wi-Fi enclosure, making sure to place it in the correct direction.
2. Make sure the HDD is firmly connected to the SATA connector.
3. Position the cover and close the enclosure by sliding the cover until you hear a click.
4. Connect the LAN port of Wi-Fi Mobile Station to a LAN port of your ADSL modem using a RJ45 LAN cable (not included).
5. Turn on the device by pressing the power button and wait at least 40 seconds for the Wi-Fi signal to be ready.
6. Connect to "Hamlet-WiFiDisk-XXXX" wireless network and type in the Wi-Fi key when requested (default password is "az48486y").
7. Open the web browser, type in **http://192.168.169.1** in the address bar and press **Enter**. In the login screen type in user name (admin) and password (admin) and click **OK** to access the web interface of the Wi-Fi Mobile Station.



Wireless Storage



WiFi Repeater



Router Settings

8. Click on **Router Settings** then click on **LAN to Router > DHCP**.



ADSL



LAN to Router



WiFi Setting



Media sharing



Advanced

- DHCP Static IP WiFi Repeater AP Mode

DHCP Info	
WAN IP Address	192.168.1.119
Subnet Mask	255.255.255.0
Default Gateway	192.168.1.1
Primary Domain Name Server	192.168.1.1
Secondary Domain Name Server	192.168.1.1

Apply Cancel

- Look at the “DHCP Info” table and take note of the IP address of your Router next to “Default Gateway” item.
- Click on the **Advanced** icon and change the IP address of the Wi-Fi Mobile Station with a new IP address in the same range of the Router (Default Gateway) in the “LAN port IP address setting” table. “Start IP address” and “End IP address” fields will automatically update.

IP address configuration before changes

LAN port IP address setting	
IP address :	<input type="text" value="192.168.169.1"/>
subnet mask :	<input type="text" value="255.255.255.0"/>
DHCP Server:	<input checked="" type="checkbox"/> Enable
DHCP ip rang settings:	start ip address <input type="text" value="192.168.169.100"/>
	End ip address <input type="text" value="192.168.169.200"/>

Apply

IP address configuration after changes

LAN port IP address setting	
IP address :	<input type="text" value="192.168.1.254"/>
subnet mask :	<input type="text" value="255.255.255.0"/>
DHCP Server:	<input checked="" type="checkbox"/> Enable
DHCP ip rang settings:	start ip address <input type="text" value="192.168.1.50"/>
	End ip address <input type="text" value="192.168.1.199"/>

Apply

- Press the **Apply** button to save settings. The device will reboot automatically.
- Reconnect to the Wi-Fi network of the device, open the browser and login to the web interface using the new IP address (192.168.1.254 in the example above).



Wireless Storage



WiFi Repeater



Router Settings

13. Click on **Router Settings** > **LAN to Router** and select **AP Mode** to view the following page.



ADSL



LAN to Router



WiFi Setting



Media sharing



Advanced

- DHCP Static IP WiFi Repeater AP Mode

AP Mode (Hotel prefer this mode)			
1. In AP mode, no DHCP server, so you want to access this web page, you must set your ip adress to 192.168.169.100.			
2. In AP mode, we must connect this device to your router with RJ45 wire.			
3. The device will restore previous work mode when reset again unless you saved gateway mac address.			
If gateway mac in the list below, auto change to AP mode			
No.	Remark	Gateway MAC	Operation
1.			<input type="button" value="Clean"/>
2.			<input type="button" value="Clean"/>
3.			<input type="button" value="Clean"/>
	<input type="text"/>	<input type="text"/>	<input type="button" value="Get Gateway MAC"/>

14. Now press the **Get Gateway MAC** button to automatically get the MAC address of the Router.
15. Once the IP address of the router is detected, press the **Change to AP mode** button to save the configuration and restart the device.
16. After reboot, the Wi-Fi Mobile Station will be accessible via LAN from a computer connected to the router via a network cable and via Wi-Fi from any mobile device.

5 Data access modes

The data stored on the HDD installed in the Wi-Fi Mobile Station can be accessed in different ways as shown in the following sections.

5.1 Data access using browser

1. Open the web browser of your computer or mobile device.
2. Type in **http://192.168.169.1** in the address bar and press **Enter**. In the login screen type in user name (admin) and password (admin) and click **OK** to access the web interface of the Wi-Fi Mobile Station.



Wireless Storage



WiFi Repeater



Router Settings

3. Click on **Wireless Storage** icon to access the data on the hard disk.



Root Dir



Up













Upload



Delete



Router Settings

Cloud storage file list				
Select	Type	Name	Size	Download
	 movie	Directory		
	 music	Directory		
	 photo	Directory		
	 documents	Directory		
<input type="checkbox"/>	 EDIMBURGH.jpg	76.3 KB		
<input type="checkbox"/>	 Sunset_Honolulu.jpg	61.9 KB		
<input type="checkbox"/>	 Hamlet.pdf	46.7 KB		

4. The web application allows you to manage the files on the HDD by using a common browser from any device. Use the button on the top of the page to navigate the HDD content and upload, download or delete files.

5.2 Data access using Android App

The “ES File Explorer” app gives you access to the Wi-Fi Mobile Station as a wireless network drive from Android devices.

To download the app, access to Google Play Store from your Android device and search for “ES File Explorer”.

Alternatively, you can scan the QR code shown below to go directly to the download page.



After installing the app, follow the steps below to access the disk installed on the Wi-Fi Mobile Station.

1. Open the app “ES File Explorer”.
2. In the application menu, press the **New (+)** button to add a new resource.
3. Tap the field next to the item “Type” to see the pull-down menu and select the option “Samba (LAN)”.
4. Enter the IP address of the Wi-Fi Mobile Station (the default address is 192.168.169.1) in the “Path” field and press **OK** to confirm.

A screenshot of the 'New' dialog box in the ES File Explorer app. The dialog has a blue header with the word 'New'. Below the header, there are two input fields: 'Type' with a dropdown menu showing 'samba(LAN)' and 'Path' with the text '192.168.169.1'. At the bottom, there are two buttons: 'Cancel' and 'OK'.

5. Then enter user name (admin) and password (admin) and press **OK** to complete the configuration.
6. Tap on the “WiFiDisk” folder to access the hard disk content.

The hard disk installed in the Wi-Fi Mobile Station is now accessible as a wireless network drive using the App.

5.3 Data access using iOS App

The "File Explorer Free" app gives you access to the Wi-Fi Mobile Station as a wireless network drive from iOS devices (iPhone/iPad).

To download the app, access to the App Store from your iOS device and search for "File Explorer Free".

Alternatively, you can scan the QR code shown below to go directly to the download page.



After installing the app, follow the steps below to access the hard disk contents.

1. Open the "FileExplorer" app on your iOS device.
2. Tap the "+" button, then select "Computer, NAS" item.
3. Input the IP address of the Wi-Fi Mobile Station (the default address is 192.168.169.1).
4. Input user name (admin) and password (admin) which are used to access the Wi-Fi Mobile Station.
5. Tap the **Save** button to save settings.

Once the connection is set up, you can tap the newly added connection to access the content of the hard drive installed in the Wi-Fi Mobile Station.

5.4 Data access using SMB

The configuration access via the SMB (Samba) protocol allows you to use the hard disk installed in the Wi-Fi Mobile Station as a network drive (NAS) from computers connected via LAN or Wi-Fi.

Connecting using Windows

1. In Windows Explorer, click **Map Network Drive**.
2. In the "Drive" list select a drive letter.
3. In the "Folder" box, type the path `\\192.168.169.1\wifidisk` and press **Finish**.
4. On the next screen, enter user name (admin) and password (admin) used to access to the Wi-Fi Mobile Station then click **OK** to confirm.
5. Now the Wi-Fi Mobile Station is connected to the computer as a network drive.

Connecting using Mac

1. Using the Finder, click on **Go** and **Connect to Server**.
2. In "Server Address" field, enter the path `smb://192.168.169.1/wifidisk/` and click **Connect**.
3. When prompted, enter the user name (admin) and password (admin) used to access to the Wi-Fi Mobile Station then click **Connect**.
4. Wi-Fi Mobile Station is now mounted on your Desktop and accessible as a network drive.

6 Firmware upgrade

You can update the firmware of Wi-Fi Mobile Station through the web interface.

1. Connect to the Wi-Fi network of the device.
2. Open your web browser, type **http://192.168.169.1** in the address bar and press **Enter** to access the web interface.
3. When the login window appears, enter the user name (admin) and password (admin) and press **OK**.
4. Click on **Router Settings** icon then go to the **Advanced** section.
5. Scroll down the page to see the "Update Firmware" section.
6. Press the **Browse** button to select the new firmware file.
7. Press the **Apply** button to start the firmware update and wait for the restart of the Wi-Fi Mobile Station.

7 Reset

To reset Wi-Fi Mobile Station to factory default settings, proceed as follows.

1. Turn on the device by pressing the power button.
2. Using a pointed object, press the "Reset" button on the side of the device for at least 8 seconds.
3. Release the "Reset" button and wait for the restart of the Wi-Fi Mobile Station.
4. The factory settings are restored and you can access your device again using the default values.

Warning!

The reset procedure deletes all the configuration settings on the device.