



ZCS-HYT56 Portable Integrated Docking Station User Manual

Hytera Communications Corporation Limited

Preface

Welcome to the world of Hytera and thank you for purchasing this product. To derive optimum performance from the product, please read this manual carefully before use.

This manual is applicable to the following product:

[ZCS-HYT56 Portable Integrated Docking Station](#)

Icon Conventions

The following icons are available through this manual:



CAUTION: indicates situations that could cause damage to your product or bodily injury.



NOTE: indicates tips that can help you make better use of your product.

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If you have any suggestions or would like to receive more information, please visit our website at <https://www.hytera.com/en/download-center.html>.

1. Packing List

Please unpack carefully and check that you have received the following items. If any item is missing or damaged, please contact your dealer.

Item	Qty. (PCS)	Item	Qty. (PCS)
Portable Integrated Docking Station	1	WLAN Antenna	1
Power Cord	1	Quick Reference Guide	1
Network Cable	1	Disk	1

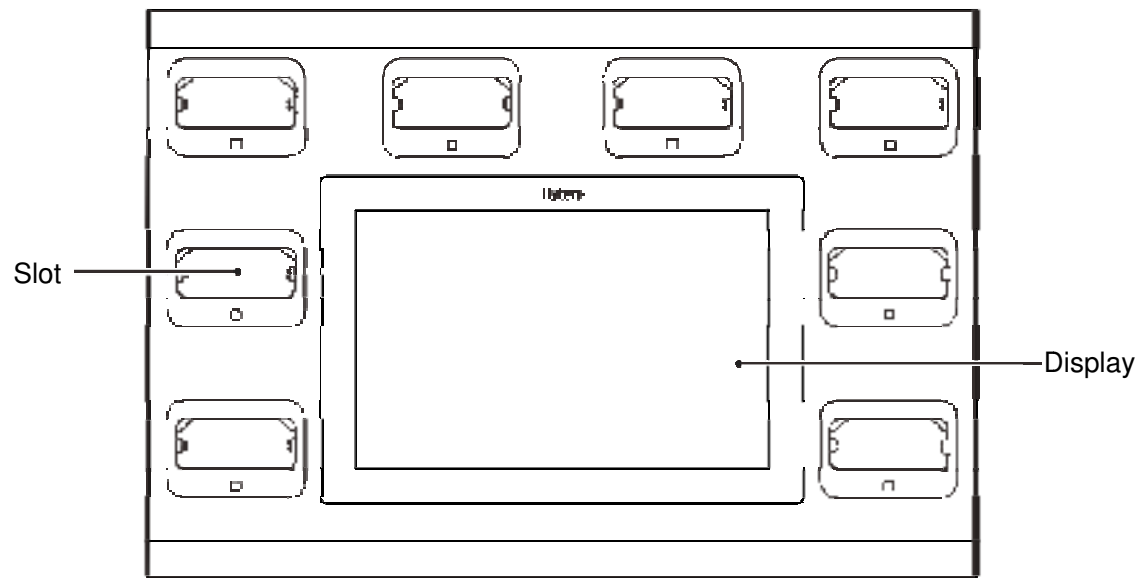
NOTE

Figures in this manual are only for reference.

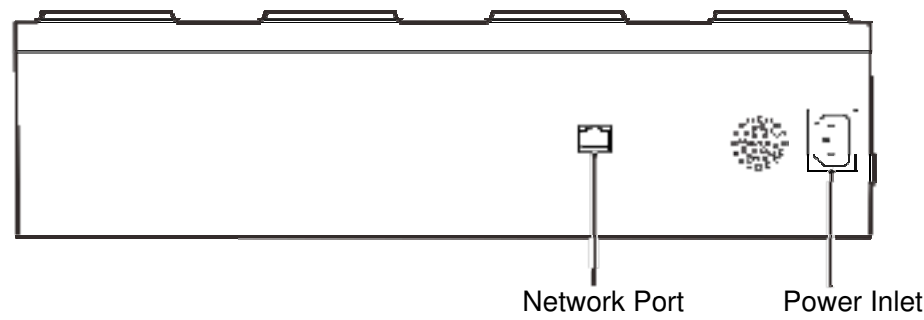
2. Product Overview

2.1 Product Layout

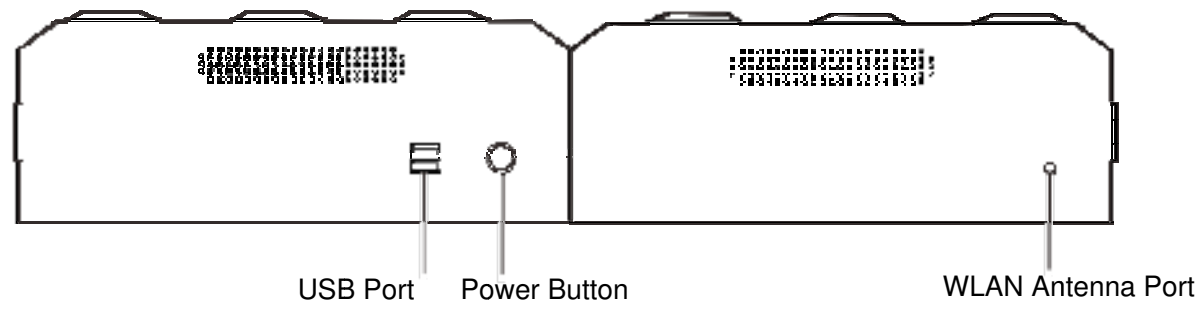
Front View



Rear View

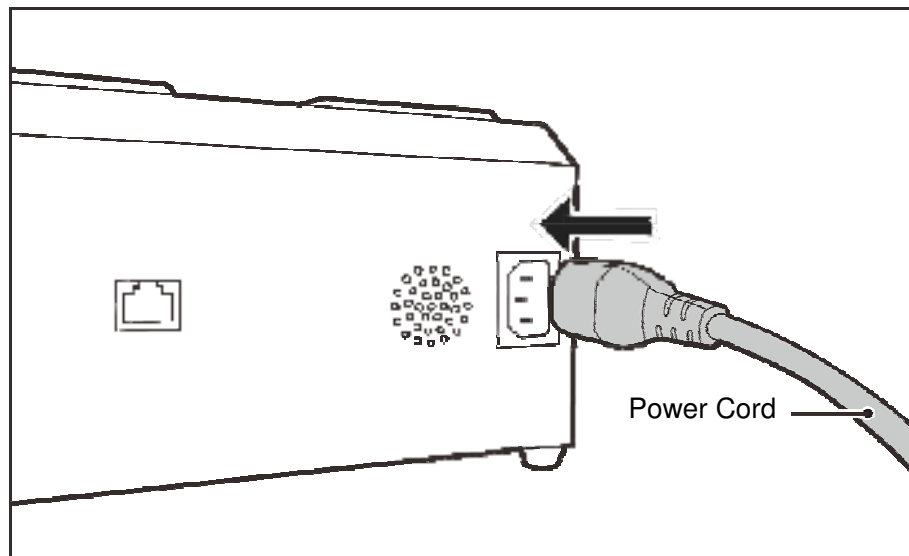


Side View



3. Before Use

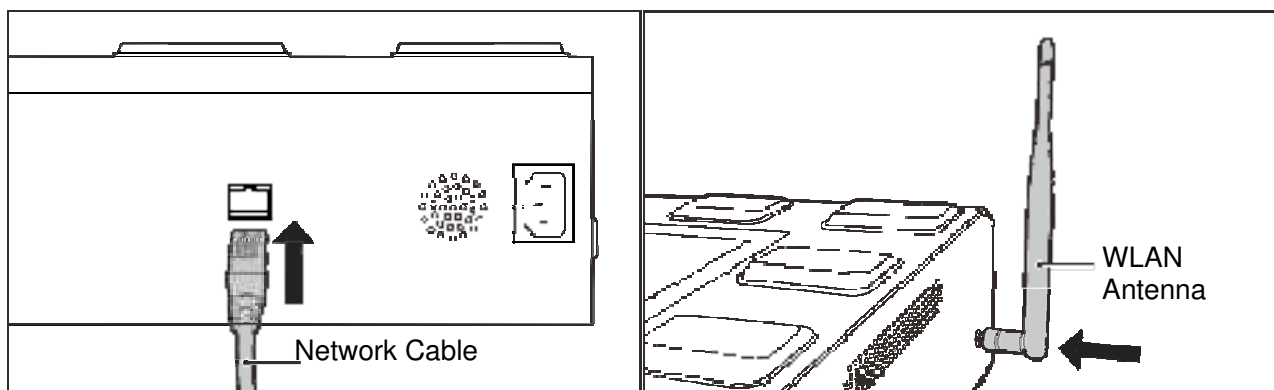
3.1 Connecting the Power Cord



3.2 Accessing the Network

To access the network, do either of the following:

- Insert the network cable into network port on the back of the product.
- Install a WLAN antenna.




4. Basic Operations

4.1 Turning On or Off the Product

1. Connect the product to the power supply.
2. To turn on the product, press the **Power Button**.
3. To turn off the product, press the **Power Button** again.

4.2 Login

You can perform the basic operations after login, but the login or logout status does not affect the task progress.

1. Tap  in the upper right corner.
2. In the displayed **Login** interface, enter the user name and password.


The initial username is "admin", and the initial password is "99999999".

NOTE

The "admin" user has all permissions of the product, and can create and manage common users. For details, see [4.6.1 Adding the User](#).

3. Tap **Login**.

4.3 Logout



1. Tap  in the upper right corner.
2. Tap **OK**.

NOTE

If the product remains idle for more than ten minutes, it will automatically log out.

4.4 Setting Data Acquisition Parameters

You can set the parameters that are used by the product and the digital evidence management (DEM) to acquire digital evidence from BWCs. This feature is available only to the "admin" user.

1. Tap  in the upper right corner.
2. Tap .
3. In the displayed **Acquisition Settings** interface, set the following parameters.



Module	Parameter	Description
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Module	Parameter	Description
Basic Settings	File Save Path	Set the storage path of BWC digital evidence.
	Password	Set the password for BWC reading, programming, upgrade and data acquisition.
	IDS Number	Unique identifier of the product for the DEM.
	Auto Register	When this option is selected, no authorization is required for the BWC to connect to the product.
Auto-upload Settings	DEM Address	Set the address and port number of the DEM to which the product automatically uploads evidence files.
	Safe Mode	This option needs to be selected when the DEM server is in safe mode. Hytera provides the trial certificate dem.cer . You can also buy the certificate from Certificate Authority if necessary. Tap Certificate to import the certificate.
	File Upload	Set whether to upload local digital evidence to the DEM.
	Scheduled	Set the time interval for uploading digital evidence to the DEM from the product. If Scheduled is cleared, the product will upload digital evidence instantaneously.
	System Mark	Set the type of digital evidence to be uploaded automatically. <ul style="list-style-type: none"> ● All: All digital evidence will be uploaded. ● Important: Only the important digital evidence will be uploaded. ● Not important: Only the unimportant digital evidence will be uploaded.
Days of Electronic Evidence Preservation	Not Important	Set the retention time for unimportant digital evidence.
	Important	Set the retention time for important digital evidence.
	Delete After Upload	Set whether digital evidence is automatically deleted after being uploaded to the DEM.

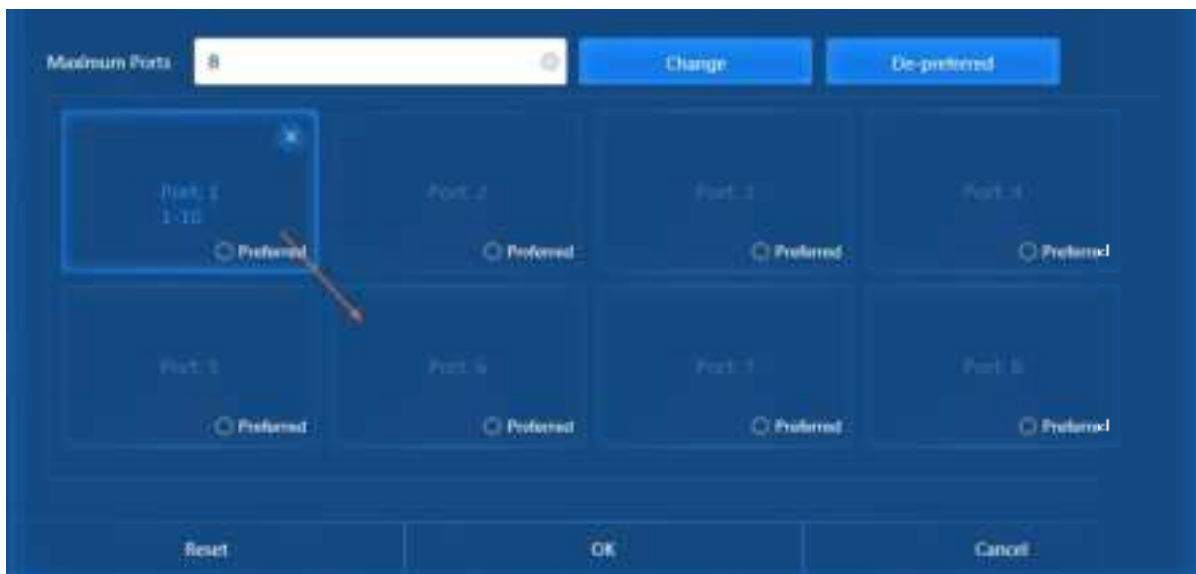
4. Tap **OK**.

4.5 Setting Ports

You can set the mapping relationship between the port panel on the product and the physical port to which the BWC is connected, so that you can quickly find the BWC. This feature is available only to the "admin" user.

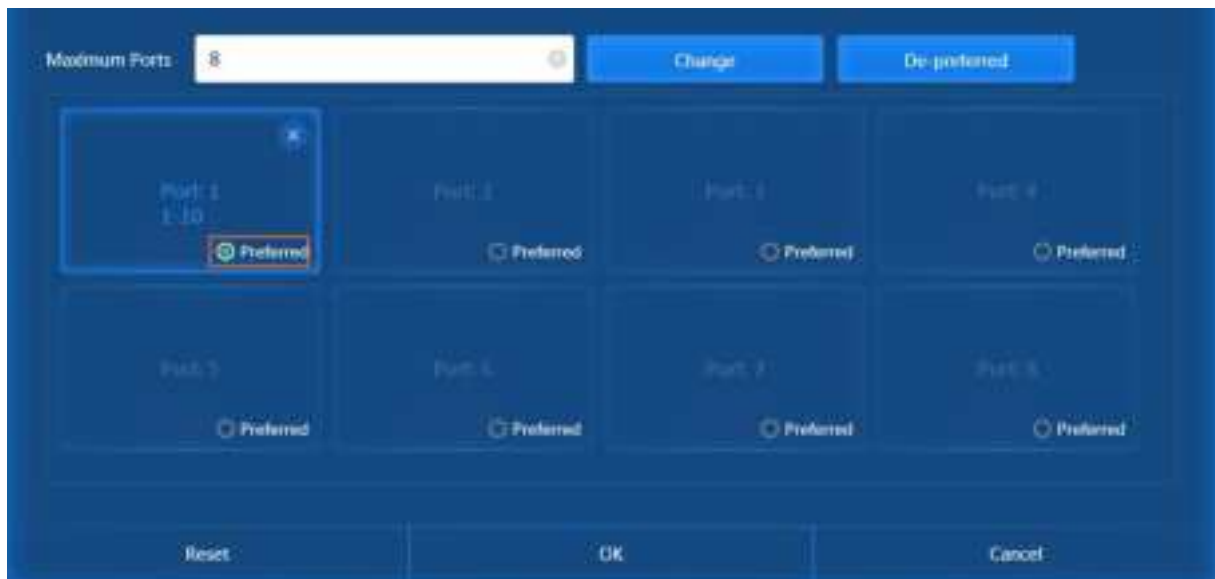
1. Tap  in the upper right corner.
2. Tap , and then select the **Port Settings** tab.
3. Set the total number of ports in **Maximum Ports**, and then tap **Change**.
4. Connect the BWC to physical ports of the product in order from left to right.
5. Connect the BWC to the next port until the port panel highlights dark blue.
6. If the highlighted port panel is inconsistent with the physical port, drag the panel to the one consistent with the physical port.

For example, when the BWC is connected to the product through the COM6 port, the highlighted port panel is supposed to be Port 6 but now it is Port 1. In this case, drag Port 1 to the position of Port 6 as shown in the following figure. After that, when the BWC is connected to the product through the COM6 port, the highlighted port panel will be Port 6.



7. (Optional) Select a port, and then select **Preferred**.

The product will first acquire data from the BWC connected to this port and suspend data acquisition from other ports automatically. After the data acquisition from this port completes, other ports resume.





8. Tap **OK**.

4.6 Managing Users

The "admin" user can manage common users, including adding the user, resetting the password, and deleting the user. This feature is available only for the "admin" user.

4.6.1 Adding the User



1. Tap  in the upper right corner.
2. Tap , and then select the **User** tab.
3. Tap **New**.
4. In the **New** window, enter the username and password.

The default password of the new user is "111111".


5. Tap **OK**.


4.6.2 Resetting the Password

The "admin" user can reset the password of common users to "111111".

1. Tap  in the upper right corner.
2. Tap , and then select the **User** tab.
3. Tap **Reset Password**.
4. Tap **OK**.

4.6.3 Deleting the User



1. Tap  in the upper right corner.

2. Tap , and then select the **User** tab.
3. Tap the check box in **No.** to choose the user to be deleted.
4. Tap **Delete**.

4.7 Managing Devices

You can add and import the BWC for programming.

4.7.1 Adding the Device



1. Tap  in the upper right corner.
2. Tap , and then select the **Devices** tab.
3. Tap **Add**.
4. Set the following parameters.

Parameter	Description
SN	Serial number and unique identifier of a BWC.
Officer ID	Officer ID using the BWC.
Officer Name	Officer name using the BWC.

5. Tap **OK**.

4.7.2 Importing the Device

You can import BWCs in batches.

1. Tap  in the upper right corner.
2. Tap , and then select **Devices** tab.
3. Tap **Download template**.
4. Open the template, and then fill in the following parameters.

Parameter	Description
SN	Serial number and unique identifier of a BWC.
Officer ID	Officer ID using the BWC.
Officer Name	Officer name using the BWC.

5. Tap **Import**, and then tap **Open**.


4.7.3 Approving the Device

With the Auto Register feature enabled by default, the product can directly acquire data when the BWC is inserted.

With the Auto Register feature disabled, the product needs to approve the initial access of the BWC as follows:

Tap .

4.7.4 Editing the Officer

1. Tap .
2. Edit the BWC and officer information.
3. Tap **OK**.

4.7.5 Deleting the Device



The deleted BWC cannot upload digital evidence to the product.

1. Tap .
2. Tap **OK**.



4.8 Managing Programming Templates

You can import the programming template, and then push it to the BWC.

4.8.1 Importing the Programming Template



1. In the upper right corner, click , and then select .
2. Click the **Programmingtemplate** tab.
3. Click **Import**.
4. Select a template, and then click **Open**.

4.8.2 Programming the Device

1. In the upper right corner, click , and then select .
2. Click the **Programming template** tab.
3. Select a template, and then click **Write**.
4. To set the programming mode, do either of the following:
 - Select a terminal, and then click **Write**.
 - Select Push to all terminals, and then click **Write**.

Upon being connected to the IDS,the terminal will automatically be programmed.

4.8.3 Cancelling the Programming Tasks

1. In the upper right corner, click , and then select .
2. Click the **Programming template** tab.
3. Select a template, and then click **Details**.
4. Click **Cancel**.

All programming tasks to be executed are canceled.



5. Click **OK**.

4.9 Applying for/Importing the License

You have 90 days free trial to use all features of the product. After that, you must apply for the license to use these functions again.



4.9.1 Applying for the License

Ensure that you have plugged the dongle to the product.

1. Tap  in the upper right corner.
2. Tap .
3. In the **About** window, tap **Export Application**.
4. Choose the file save path and enter the file name.
5. Tap **Save**.
6. Send the key license application file to Hytera to obtain the license.

4.9.2 Importing the License

Ensure that you have obtained the license file (in .license format) and plugged the dongle to the product.



1. Tap  in the upper right corner.
2. Tap .
3. In the **About** window, tap **Import License**.
4. Choose the obtained license, and then tap **Open**.
5. Tap **OK**.

5. Data Acquisition

After the BWC is connected to the product, the product will automatically acquire data from the BWC.

6. More Functions

For more details of the product functions, refer to *Hytera IDS Operation Guide*.

To obtain the manual, tap  in the upper right corner, and then tap .

7. Troubleshooting

Phenomena	Analysis	Solution
All fans work intermittently, and the product displays "No signal" only.	The memory module and the main board may have a poor contact.	<ul style="list-style-type: none"> ● Disconnect the product from the power supply, clean the connecting finger of the memory module with an eraser, and then re-insert the memory module. ● Replace the slot of the memory module.
	Memory module may malfunction.	Replace the memory module.
	Power supply for the central processing unit (CPU) may be faulty.	Disconnect the product from the power supply, and then re-connect the CPU power supply cable.
The display does not light up after power-on.	The power cord may be connected improperly.	Re-connect the power cord.
The display does not respond when you tap it.	The product may be dead.	Disconnect the product from the power supply, and then restart the product.
The product shows a fully blurred screen.	The Video Graphics Array (VGA) cable may be connected improperly.	Re-connect the VGA cable.
	VGA cable may be faulty.	Replace the VGA cable.
	The main board may output incorrect signal.	Repair or replace the main board.
	Graphics driver may malfunction.	Update the graphics driver.
	Integrated graphics may be faulty.	Replace the integrated graphics or the CPU with integrated graphics.
The product shows a partially blurred screen.	Display may malfunction.	Replace the display.
After power-on, the product displays "Reboot and Select proper Boot device or Insert	Solid State Disk (SSD) may be faulty so that the product	Replace the SSD.

Phenomena	Analysis	Solution
Boot Media in selected Boot device and press a key".	cannot detect the SSD.	
The product failed to acquire the digital evidence from the BWC.	The BWC may be inserted improperly into the slot of the product.	Remove the BWC, and then insert it into the slot of the product again.

If the above solutions cannot solve your problems, or you may have some other queries, please contact us or your local dealer for more technical support.

8. Care and Cleaning

To guarantee optimal performance as well as a long service life of the product, please follow these tips.

Product Care

- Do not pierce or scrape the product.
- Keep the product far away from substances that can corrode the circuitry.
- Keep the product dry.

Product Cleaning



NOTE

Turn off the product and remove the power cord before cleaning.

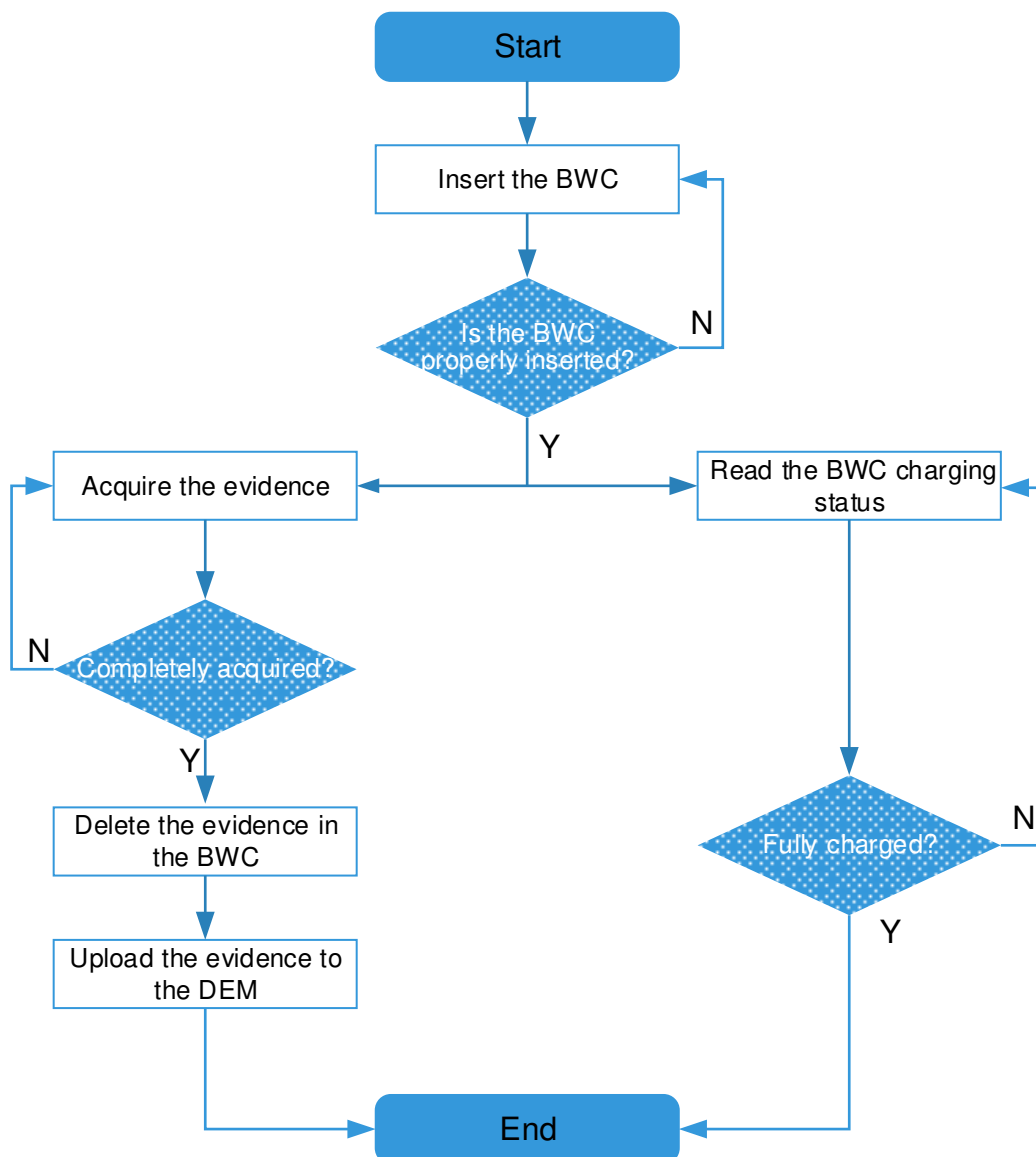
- Clean up the dust and fine particles on the product surface regularly with a clean and dry lint-free cloth or a brush.
- Use neutral cleanser and a non-woven fabric to clean the product after long-time use. Do not use chemical preparations such as stain removers, alcohol, sprays, or oil preparations, so as to avoid surface and case damage.
- Make sure the product is completely dry before use.

9. Appendix—Product Description

9.1 Introduction

The product with the IDS installed can acquire, sort, and store the data from the BWC. It is capable of collecting data from eight BWCs while recharging them simultaneously. After data acquisition, the product will automatically delete the data in the BWC. You can manage the acquired data on the product or upload such data to the DEM.

9.2 Flowchart



9.3 Highlights

BWC Charging

The product can charge the BWC which is properly inserted.

Data Acquisition

The product automatically acquires evidence from the BWC which is properly inserted.

Data Playback

The product allows you to view evidence such as photos, audios, and videos.

Evidence Upload

For extended storage, the product allows you to upload the evidence to the DEM and check the upload status.

9.4 Technical Specifications

Item	Description
Dimensions (H x W x D)	436mm x 298mm x 110mm
Weight	9±0.5kg
LCD Display	10.1-inch capacitive multi-touch screen Resolution: 1280 x 800
Number of Inserted BWCs	8, support data acquisition while charging
CPU	Intel® Core™ i5-6400
Memory	8GB
System SSD	128GB
Hard Disk Capacity	4TB, support redundant array of independent disks (RAID) backup
USB Port	2 x USB 3.0
Network Port	RJ45 Gigabit port
WLAN	2.4G/5G, 802.11a/b/g/n/ac
Power Supply	220V AC, 250W, support 115 V to 230 V
Operating Temperature	-10°C to 55°C
Operating Noise	45dB(A)

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates and can radiate radio frequency energy. If not installed and used in accordance with the instructions, it may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. Verification of harmful interference by this equipment to radio or television reception can be determined by turning it off and then on. The user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna. Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a different circuit to that of the receiver's outlet.
- Consult the dealer or an experienced radio/TV technician for help.

Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

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

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment .

This transmitter must not be co - located or operating in conjunction with any other antenna or transmitter.

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

ICEDC Statement

This device complies with Innovation, Science and Economic Development Canada licence-exempt RSS standard (s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference,including interference that may cause undesired operation of the device.

Le onjunc areil est conforme aux CNR d' l'innovation, la science et le développement économique Canada licables aux areils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'areil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, onj si le brouillage est susceptible d'en compromettre le fonctionnement.

ISED Radiation Exposure Statement:

This equipment complies with ISED RF radiation exposure limits set forth for an uncontrolled environment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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

conforme aux limites d'exposition de rayonnement RF ISED établies pour un environnement non contrôlé.

Cet émetteur ne doit pas être co-implanté ou fonctionner en onjunction avec toute autre antenne ou transmetteur.

Cet équipement doit être installé et utilisé avec une distance minimale de 20cm entre le radiateur & votre corps.

operation of 5150-5350MHz is restricted to indoor use only

le fonctionnement de 5150-5350 MHz est limité à une utilisation en intérieur uniquement



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