

Thank you for purchasing our helmet products. This document is designed to guide you through testing the functions of our helmets. After receiving the device, please follow the steps below to conduct the test step by step.

Friendly Reminder Before Testing: The working hours of Equinet technical team are Monday to Friday: 9:00 am to 12:00 am(UTC+8), and 1:30 pm to 6:30 pm(UTC+8). If you need our assistance, it is best to test and contact us during these hours, and you will receive a quick response from our technicians.

SIM Card Insertion Diagram(Only Nano SIM).



EQ-D6 SIM1 Slot Insertion Diagram



EQ-D6 SIM2 Slot Insertion Diagram



EQ-D6(HB) SIM Slot Insertion Diagram

1. **Adding the Helmet to the Platform Account.** To use the helmet device, it must be added to a platform account. Usually, when the Equinet team creates a platform account for you, the device will be

pre-added. If the Equinet team has not pre-added the device, you need to add it yourself by following the link below.

https://www.youtube.com/watch?v=vu8BTM4d-zk&list=PLiZGPgcaahc89_xTCirSrtz5k5rsY4-9x&index=12

(If Equinet has provided you with an account, you do not need to create a new account following the video; skip to creating a group.)

The video above demonstrates **how to create a group**. Before adding a helmet, the account must have at least one group created. After creating the group, watch the following video to add the helmet.

https://www.youtube.com/watch?v=tW3SFZoosNs&list=PLiZGPgcaahc89_xTCirSrtz5k5rsY4-9x&index=13

This is a video on how to add a helmet to the platform account. **All fields mentioned in the video are required!** Please carefully read the text reminders in the video.

FAQ with Adding Helmets to the server:

Q1. Why does it prompt "Username already exists?" I don't see duplicate device names under my account.

Because you are using our cloud server, which is also used by many other customers. The name may conflict with another customer's creation. We recommend naming it with "Company + Name" to greatly reduce duplication. Please try a different name.

Q2. Why does it prompt "Device number already exists?"

If you see this prompt, please contact the Equinet team.

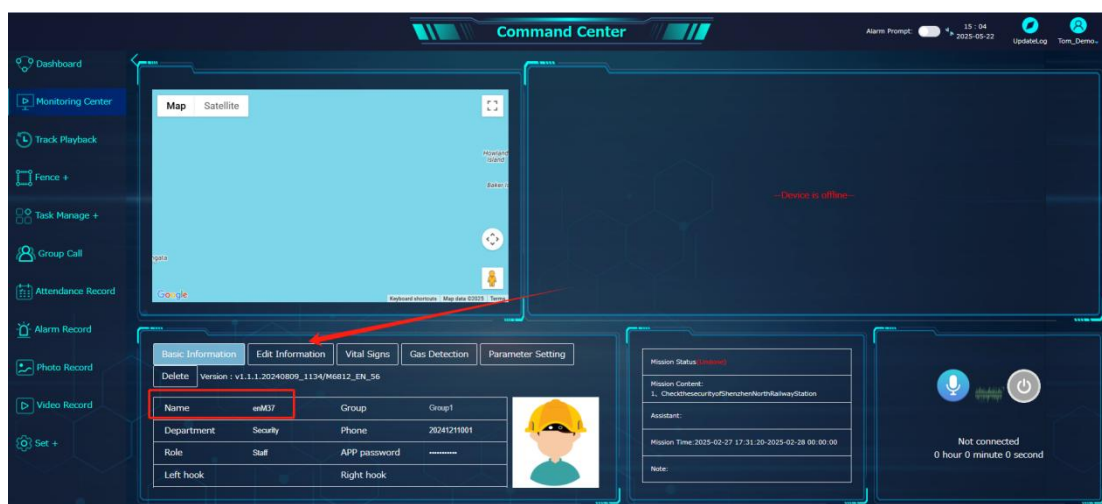
Q3. Why does it prompt "User information was entered incorrectly, please enter as required"?

Please carefully check the field requirements in the video. The following 8 fields must be filled/selected: **Name, Group, Department, Phone Number, Role, APP Password, Type, and Device Number! Must be filled/selected!** No other fields need to be filled.

APP Password: Can be any value.

Department/Role: Can be any information you want to enter.
Phone Number: Any 11-digit number.

If the Equinet team has pre-added the device and you want to change the device name, go to the "Video Center" page of the platform (see images below), find the device whose name you want to modify, click the middle icon of the three to enter the details page. Once there, click "Edit Information" in the lower-left corner, modify the name, and save.



2. After adding the device to the platform, the helmet will go online automatically if it has network connectivity (4G SIM card or Wi-Fi). If you

need to test Wi-Fi connection, please refer to the "Helmet Wi-Fi Connection" file sent to you.

Note: The software used to connect the helmet to Wi-Fi is only for Wi-Fi connection. After successful connection, unplug the data cable and close the software. The software is not for other purposes!

Once the helmet is added to the platform and has internet access, you can start testing the functions.

3. Video Center Function Test(Note: The computer accessing the platform via a browser must have a camera and microphone. We recommend using Google Chrome or Edge browser to ensure all functions work properly!)

For functions on the Video Center page, please check the video link below. When the platform initiates a video call, the helmet will answer automatically without manual operation.

https://www.youtube.com/watch?v=VKx-lnelkkw&list=PLiZGPgcaahc89_xTCirSrtz5k5rsY4-9x&index=10

The following video link teaches you how to monitor the real-time live from the helmet.

https://www.youtube.com/watch?v=DI6mwioyt9E&list=PLiZGPgcaahc89_xTCirSrtz5k5rsY4-9x&index=11

FAQ with Video Calls:

Q1. Why can I hear the helmet's sound, but the helmet can't hear the computer's sound?

Please confirm whether the computer's microphone permissions are enabled and whether the browser has granted microphone and camera permissions to the platform. We recommend using **Google Chrome** or **Edge browser**!

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Q2. Why does it show "Video call failed to start?" ?

Please try a another browser. We recommend using **Google Chrome** or **Edge**.

Q3. Why does the platform get stuck on "Selecting a suitable channel" after answering an SOS call from the helmet?

Please try a another browser. We recommend using **Google Chrome** or **Edge**.

Q4. Why is the helmet' s location inaccurate, showing a different place?

If you are testing indoors, the positioning signal is weak, causing this issue. The signal is stronger outdoors — please take the device outside, and the location will sync quickly.

Q5. Why can I hear the helmet' s sound during monitoring, but the helmet can' t hear the computer' s sound?

This is normal. During monitoring, the platform can hear the helmet, but two-way communication requires a video call.

Q6. Why is there loud echo or noise?

If you test the device and computer in the same location, this issue may occur. In normal operation, the helmet and platform are in different locations, so this problem does not arise.

4. Broadcast Intercom Function

For using the broadcast intercom function, please check the video link below. Devices in the same group will receive each other' s broadcasts during intercom, making it a communication method for team members. For example, if group A has members A, B, and C, when A initiates an intercom, B and C will both receive A' s message — similar to a walkie-talkie.

https://www.youtube.com/watch?v=VLAjuX_vhju&list=PLiZGPgcaahc89_xTCirSrtz5k5rsY4-9x&index=8

5. Video Recording and Playback Function

To view recorded videos on the platform, please check the video link

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below. For local recording on the helmet, long-press the photo button. When you hear "open recording, start local recording" the local recording begins. To end the recording and save the video, long-press the photo button again. When you hear "Recording is off," the video is saved, and then processed according to the platform's upload mode.

https://www.youtube.com/watch?v=iMCkpBZnW0U&list=PLIZGPgcaahc89_xTCirSrtz5k5rsY4-9x&index=6

FAQ with Video Recording/Playback:

Q1. Why isn't there an upload button after selecting a device on the video playback page?

The device must be online to upload videos. The absence of the upload button means the device is not powered on.

Q2. Why do some videos appear laggy?

These may be automatically recorded during monitoring. If the real-time footage is laggy during monitoring, the recorded video will also be laggy. Locally recorded videos on the device are not laggy.

Q3. How long can the helmet store local recorded videos?

The helmet has a default 64GB local storage. When storage is full, the oldest videos will be overwritten by the latest ones automatically.

Q4. Will local recorded videos remain on the helmet after uploading to the server?

No, they will be automatically deleted from the helmet's local storage after uploading.

Q5. Can I upload videos from other devices (e.g., mobile phones, laptops) to the server?

No.

Q6. What is the video file format?

MP4.

6. Photo Management Function

The video link below teaches you how to view on-site photos taken by

the helmet on the platform. Short-press the photo button on the helmet to take a photo (you will hear a "click" sound), and then hear "Upload successful." You can then view the photos of the work environment on the platform. **To ensure clarity, we recommend keeping still until you hear "Upload successful."** Photos will include shooting time, battery level, device motherboard temperature, location, and other information.

https://www.youtube.com/watch?v=W-nBwA9SLjc&list=PLiZGPgcaahc89_xTCirSrtz5k5rsY4-9x&index=7

FAQ with Photo Management:

Q1. Why didn't I hear "Uploaded successfully" after pressing the photo button?

This may be due to poor network connectivity at the time.

Q2. How do I save photos to my computer from the platform?

Right-click the photo and select "Save Image As."

Q3. Why are the photos blurry?

This is most likely an operational issue. We recommend not moving until you hear "Upload successful."

Q4. What is the photo format?

JPG.

7. Group Call Function

The video link below teaches you how to conduct group calls on the platform. During a group call, the platform can view real-time footage from multiple devices and enable two-way audio intercom. Other devices in the group can also communicate with each other via audio.

https://www.youtube.com/watch?v=7pn6QHr_Xb8&list=PLiZGPgcaahc89_xTCirSrtz5k5rsY4-9x&index=9

FAQ with Group Calls:

Q1. I added multiple devices for a video call, but why do I only see one video screen?

Please check if there is a scroll bar on the right side of the screen. Browser display ratio issues may push other videos out of view.

Q2. Can the helmet initiate a group call?

No, group calls can only be initiated from the platform.

8. Electronic Fence Function

The video link below teaches you how to use the electronic fence function on the platform. The electronic fence allows you to manage an outdoor area as a work location fence. You can choose fence types as "No Entry" or "Forbidden to leave."

https://www.youtube.com/watch?v=Ucl2H36sugs&list=PLiZGPgcaahc89_xTCirSrtz5k5rsY4-9x&index=5

FAQ with Electronic Fence:

Q1. Why didn't the device alert after I created a fence?

After creating a fence, you need to add devices to the fence for use.

Check the fence activation time.

Ensure accurate device positioning; test outdoors as indoor signals are weak.

Q2. If the fence area has no specific location on the map, how do I select the area to add?

You can enter coordinates in the format: Longitude, Latitude. After entering, click "Locate."

Q3. What map does the platform use?

Google Map.

9. Track Playback Function

The video link below teaches you how to view track playback on the platform. Track playback allows you to check the helmet's online duration for the day and work movement. The platform can only display records from the past month.

https://www.youtube.com/watch?v=YXS3YTewQDs&list=PLiZGPgcaahc89_xTCirSrtz5k5rsY4-9x&index=3

10. Alarm Record Function

The video link below teaches you how to view alarm records on the platform. You can check various alarm records from the past month, including SOS, fall, Electronic fence, and off-hat alarms, on the platform's alarm records page.

https://www.youtube.com/watch?v=elaclqetxuk&list=PLiZGPgcaahc89_xTCirSrtz5k5rsY4-9x&index=4

FAQ with Alarm Record:

Q1. Can I temporarily turn off the alarm pop-ups on the platform?

Yes. There is a Alarm Prompt feature on the top right corner of the platform, near the time. If you want to turn off, disable it. If you want to see the alarm, enable it.

11. Creating Sub-Administrator Accounts

The video link below teaches you how to create sub-administrator accounts on the platform. Please strictly follow the permissions in the

video for creation — other functions are not supported by default. The platform allows creating multiple sub-administrator accounts. For example, if you have multiple department managers, each department can use their own sub-account to add corresponding helmets to the platform. Sub-accounts can only see devices under their own accounts, while the main administrator can see all devices.

https://www.youtube.com/watch?v=vu8BTM4d-zk&list=PLiZGPgcaahc89_xTCirSrtz5k5rsY4-9x&index=12

Common issues with creating sub-administrator accounts are the same as those mentioned earlier for adding accounts.

12. High voltage/altitude/Face recognition Functions(Non-Standard Features)

High voltage, altitude and face recognition are not built-in features and can only be used if purchased separately.

If you purchased these features and need to test them, please check the video link below to learn how to configure them on the platform.

https://www.youtube.com/watch?v=cLLXyaGhDL8&list=PLiZGPgcaahc89_xTCirSrtz5k5rsY4-9x&index=1

FAQ with High voltage/Altitude/Face Recognition:

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Q1. Why does face recognition keep failing?

1.Are the uploaded photos recent?

2.When verifying with the helmet, hold still until you hear "Facial Verification success." Do not move the helmet immediately after taking the photo.

Q2. From where does the height alarm calculate zero?

It is calculated from the helmet's altitude when powered on. The height resets to zero each time the helmet restarts.

13. Helmet AI Voice Function Test(Non-Standard Features)

You can only use the AI voice function if you have purchased it. The AI voice commands are shown in the table below. **Only these commands can be used**, and commands with similar expressions cannot be used.

No	Command	Action	Response
01	Wake up	Wake up	I' m here
02	Turn on the light	Turn on the light	Light is on
03	Make it brighter	Make it brighter	Light is increasing
04	Make it dimmer	Make it dimmer	Light is decreasing
05	Switch off the light	Switch off the light	Light is off
06	Turn on the laser light	Turn on the laser light	Light is on
07	Switch off the laser light	Switch off the laser light	Light is off
08	Turn on the warning light	Turn on the warning light	Light is on
09	Switch off the warning light	Switch off the warning light	Light is off
10	Take a photo	Take a photo	uploaded successfully
11	Start recording	Start recording	Start recording
12	Stop recording	Stop recording	Recording is off
13	Emergency call	Emergency call	Call the central office
14	Check the battery level	Check the battery level	Report the current battery percentage of the device
15	Volume up	Volume up	Volume up/It's maximum
16	Volume down	Volume down	Volume down/It's minimum
17	/	15s no action	I am on standby, call me if you need anything

This concludes the testing of all functions between the helmet and the platform. We hope this document is helpful to you. If you have any

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questions while reading this document, please feel free to provide valuable feedback to the Equinet team! We will continue to optimize and iterate on this document. Thank you!