



# Smart Headband User Manual

Quick Start Guide for EQ-D6(HB)

Beijing Equinet Network Technology Co., Ltd.

## Welcome & Overview

Thank you for choosing the EQ-D6(HB). This intelligent, IoT-based hardware device is designed for automatic data collection, real-time communication, and safe production management.

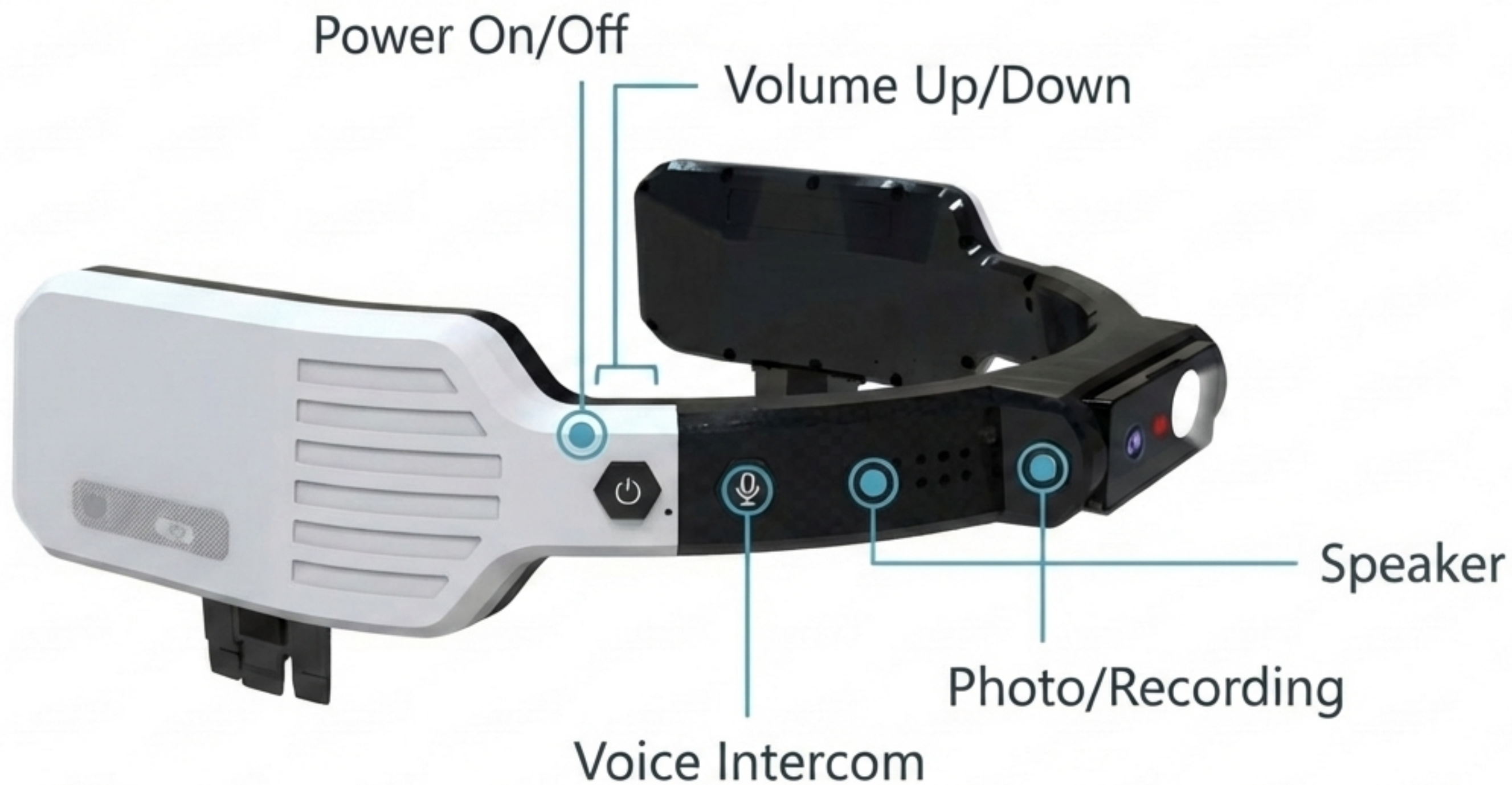
- ✓ Real-time audio and video calls / video monitoring
- ✓ GPS positioning & electronic fences
- ✓ SOS & fall alarms
- ✓ AI voice assistant
- ✓ Silent alarms & high-temperature alarms
- ✓ Night lighting

<b>Model</b> EQ-D6HB	<b>Camera</b> 21 million pixels, 90° field of view, H.264 Video Encoding
<b>Battery</b> 5000mAh removable polymer lithium battery	<b>Protection Level</b> IP66 Water & Dust Resistance
<b>Positioning</b> GPS, Beidou, RTK high-precision (in cooperation with RTK base station)	<b>Connectivity (WIFI)</b> Supported (IEEE802.11b/g/n)
<b>Connectivity (Bluetooth)</b> Supports Bluetooth 5.0	<b>Communication Bands</b> Supports 2G, 3G, and 4G full network communication

# Device Anatomy: Front Module



# Device Anatomy: Side Controls



# Core Operations



**Short press:** Volume adjust  
**Long press (3s):** Power On/Off



**Short press:** Reset height  
**Long press:** Voice intercom



**Short press:** Take a photo  
**Long press:** Turn recording on/off



**Short press:** Help call (while power on)



**Power On:** Data & Charging  
**Power Off:** Charging only

# Reading the Status Indicators



**Blue Light (Blinking):** Device is turning on.



**Blue Light (Slow Flash):** Normal operation / Standby.



**Red Light (Always On):** Charging in progress.



**Green Light (Always On):** Fully charged.



**Rear Warning Light (Flash):** Active warnings.

# Hands-Free AI Voice Assistant

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Say: **“Wake up”** → Device responds: **“I’m here”**

1

## Hands-Free

Give commands directly without pressing any buttons.

2

## Continuous Listening

The assistant waits for your instructions after waking up.

3





## 15-Second Timeout

If no action is taken for 15 seconds, the device announces: “I am on standby, call me if you need anything.”

Please note that only these specified commands are available; other similar expressions or commands will not work.

# Voice Commands: Lighting & Camera

## Lighting Controls

"Turn on the light" / "Switch off the light"		Light is on / off
"Make it brighter" / "Make it dimmer"		Light is increasing / decreasing
"Turn on the laser light" / "Switch off the laser light"		Laser is on / off
"Turn on the warning light" / "Switch off the warning light"		Warning light is on / off

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## Camera Controls

"Take a photo"		Uploads successfully
"Start recording"		Recording turns on
"Stop recording"		Recording turns off

Please note that only these specified commands are available; other similar expressions or commands will not work.

# Voice Commands: System & Safety

## System & Volume Controls

- |                           |   |   |
|---------------------------|---|---|
| "Check the battery level" | ➔ | Reports current battery percentage        |
| "Volume up"               | ➔ | Increases volume (or warns if at maximum) |
| "Volume down"             | ➔ | Decreases volume (or warns if at minimum) |





## Emergency (Safety)

- |                  |   |  |
|------------------|---|--|
| "Emergency call" | ➔ | Automatically calls the central office |
|------------------|---|--|

Please note that only these specified commands are available; other similar expressions or commands will not work.

# Safety & Device Maintenance

<b>Proper Care</b>	
	Only wipe the device clean with a cloth.
	Replace the inner liner/decorations if they show signs of aging or damage.

<b>Strictly Prohibited</b>	
	DO NOT rinse the device with water.
	DO NOT expose to acid, alkali, extreme high temperatures, sun, humidity, or chemicals.
	DO NOT punch holes, dismantle parts privately, or alter the headband's structure.
	DO NOT collide with the helmet, use it as a utensil, or sit on it as a bench.

# Warranty & After-Sales Support

## Day 1-7

Within 7 days from the next day after you sign for the product, if the product has a performance failure, as determined by the company's after-sales service center testing, you can enjoy the return or exchange service free of charge.

## Day 8-15

Within 8-15 days from the next day after you sign for the product, this product has a performance failure, determined by the company's after-sales service center testing, can be free of charge replacement or repair services.

## Up to 12 Months

Within 12 months from the next day after your signing, this product has a performance failure, determined by the company's after-sales service center testing, you can enjoy the maintenance service free of charge.

## Non-Warranty Conditions

1. Unauthorized repair, misuse, collision, negligence, abuse, liquid ingress, accidents, alterations, use of non-genuine accessories, as well as tearing or altering labels and anti-counterfeiting marks.
2. The product is beyond the three-guarantee warranty period.
3. Damage caused by force majeure.
4. Performance failures of the product and its accessories caused by human factors.