



# U-Track Quick Start Guide

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# Product Specifications

Specification	Details
Main Platform	MT6833
Memory/Storage	RAM 4GB, ROM 128GB (TF card supports up to 256GB capacity)
Operating System	U-See OS
WLAN	2.4G / 5G Wi-Fi bands
Bluetooth	Frequency Band: 2400MHz - 2483.5MHz
Positioning	GPS, GLONASS, A-GPS
9-Axis Sensor	3-Axis Accelerometer, Magnetometer, Gyroscope
Battery	3300mAh Lithium Battery
Weight	Approx. 400g
Buttons	Power On/Off / Screen Off Button, Rotary Button, Back Button, TAB Shortcut Key
Interface	Type-C (Standard USB 2.0), Supports charging & expansion, Supports reading USB flash drives. Charging Type: PE Fast Charge, Supports 5V/2A / 9V/1.6A
Display Parameters	Diamond Freeform Optics, FOV: 40°, Display Resolution: 1920*1080, Eye Relief: 19.5mm, Contrast Ratio: 50000:1, Display Type: Micro OLED
Audio	Noise-Cancelling Microphone, 90dB Pickup Noise Reduction
Speaker	Built-in 104dB Single Speaker
Camera	48MP, EIS + OIS (Electronic + Optical Image Stabilization), PDAF with LED Flash. Codec: VP8, VP9, Hardware Encoding, Supports H.264, H.265 HEVC
Indicator Light	Charging: Solid Red, Fully Charged: Solid Green, Working: Solid Blue

# How to Use

## Wearing the Device

### 1. Display Adjustment:

- ① The display module can be folded inwards for convenient storage.
- ② Rotate the display module outwards by 90 degrees to adjust the screen to the optimal viewing angle.
- ③ To view your real-world surroundings, you can rotate the display module further outwards another 90 degrees to a horizontal position.



### 2. Adjusting the Fit:

Turn the tightness adjustment knob until the glasses fit comfortably and securely.



# Buttons

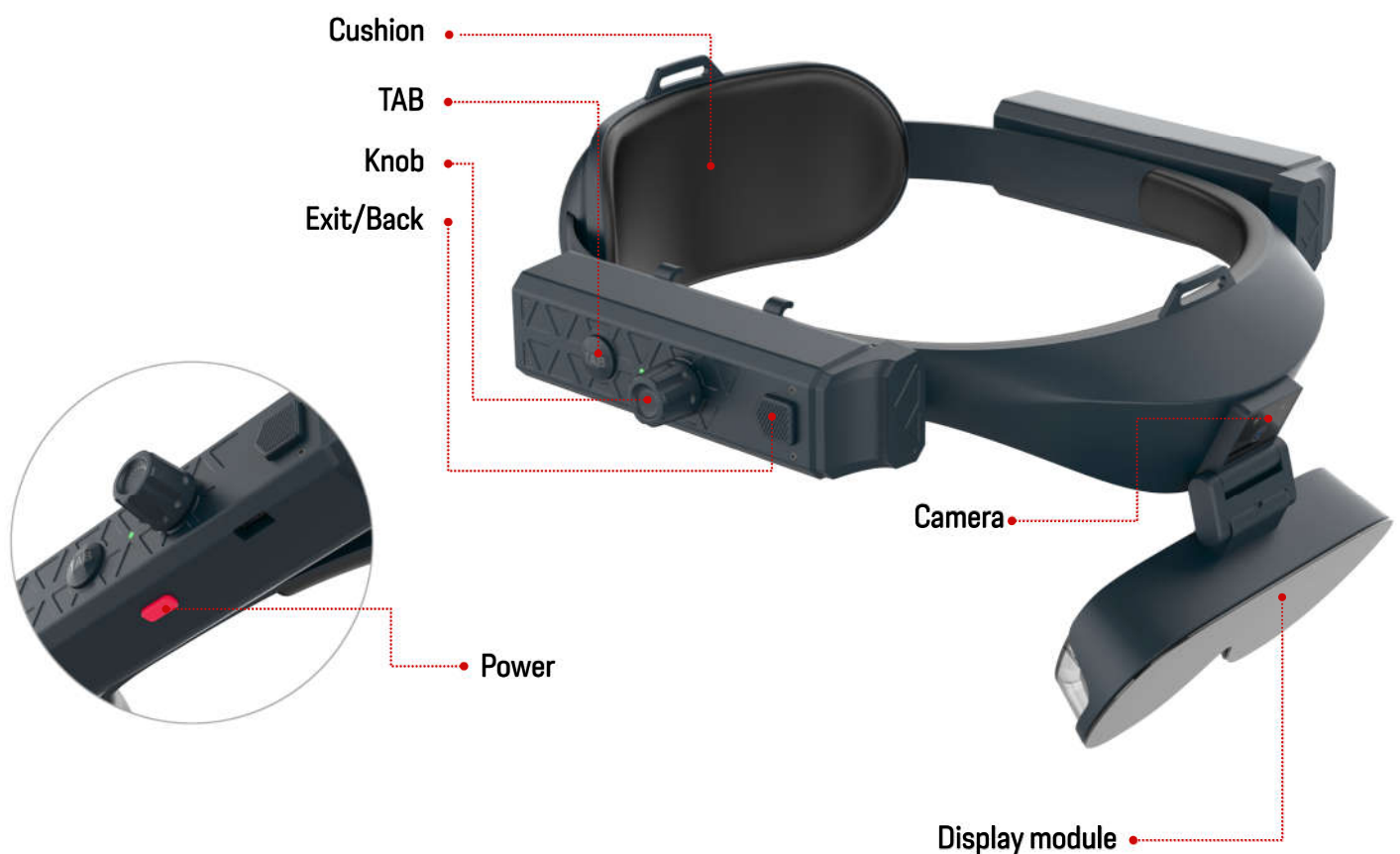
**Power Button:** Long press (3 seconds) to power on/off. Short press to turn the screen off/on (sleep/wake).

**Back Button (Exit):** Short press to go back one step. Long press to return to the main interface.

**TAB Button:** Single click to quickly enter camera mode.

**Rotary Knob:**

- ① Rotate right: Navigate to the next application icon .
- ② Rotate left: Navigate to the previous application icon.
- ③ Click: Confirm selection .



# Battery Installation

1. Open the battery compartment cover.



2. Insert or remove the battery. When inserting, ensure the contacts face inwards and are properly aligned.

3. Close the battery compartment cover securely.



# TF Card Installation

1. Open the rubber protective cover for the card slot.
2. Insert the TF card into the slot following the direction shown in the diagram.
3. Close the rubber protective cover securely.



# Charging

1. Insert the Type-C end of the charging cable into the Type-C port on the device.
2. Connect the other end of the cable to the power adapter and plug it into a power outlet.



## 3. Charging Indicator Light:

- Charging: Solid Red Light
- Fully Charged: Solid Green Light
- Working : Solid Blue Light





## Connecting the Infrared Thermal Imager

1. Connect the Thermal Imager's Type-C plug to the extension cable.
2. Attach the Thermal Imager firmly onto the front mounting bracket.
3. Connect the other end of the extension cable to the glasses power data port.
4. Secure the cable using the provided cable clips.



5. Note: Do not attempt to view objects through transparent materials like glass. Glass absorbs or reflects infrared radiation, which will affect the accuracy of the thermal imager's measurements.

## Connecting the Endoscope

1. Align the USB Type-C plug of the endoscope cable with the AR glasses interface port.
2. Gently push the plug straight into the port until it is securely connected.



## Connecting the Fish Finder

1. Deploy the fish finder transducer into the water (e.g., lake).
2. Open the U-fishing App on the AR glasses.
3. Connect to the fish finder via Wi-Fi following the app's instructions.



# Device Care

## Turning Off the Power

When not using the U-Track device, it is recommended to turn it off to conserve battery power and extend the device's lifespan.

- ① Press and hold the Power Button on the main body for three seconds.
- ② A "Shutting Down" message will briefly appear on the screen.
- ③ The device will power off, and the power indicator light will turn off.

## Restarting

### A. Manual Restart:

- ① Follow the steps above to turn off the device.
- ② Once the device is completely off and the power indicator light is extinguished, press and hold the Power Button for 3 seconds to turn the device back on.

## Putting U-Track to Sleep / Waking U-Track

### B. Manual Operation:

Briefly press (less than one second) and release the Power Button to put the device to sleep or wake it up.

## Storage

The U-Track is built to be durable, but follow these guidelines for long-term care:

- When not in use, power off the device or put it into sleep mode.
- Store the U-Track device in a dry, cool place.
- Place the device on a level surface or hang it securely (e.g., on a wall mount if applicable).
- You can store the U-Track device in a protective case if desired.

# Cleaning the Device

Follow these instructions to clean different parts of the U-Track:

## Main Body:

The U-Track is water-resistant. Clean it using a damp cloth and mild soap. Ensure all port covers are securely closed before cleaning. Do not submerge the device in water. You can also use isopropyl alcohol wipe to clean and lightly disinfect the hard surfaces. Dry the surface or allow it to air dry.

## Display and Camera Lens:

Use a standard microfiber cloth to wipe the glass components. You may use a screen cleaner suitable for optical lenses for the clearest image.

## Fabric Parts (e.g., Head Pad):

Under normal use, fabric components like the head pad may wear out over time and require replacement.

## Battery:

If the battery becomes dirty, clean it with a dry cloth or a cloth lightly dampened with alcohol. Do not allow cleaning agents to corrode the contacts. If the battery is damaged, replace it immediately.

Batteries must be kept dry at all times. Exposure to excessive moisture can damage the battery, void the warranty and require immediate and proper disposal.

# Safety Information

## ① Battery Safety:

Never dispose of batteries in fire, as they may explode. Damaged batteries can also explode. Dispose of batteries according to local regulations, recycling when possible. Do not treat batteries as household waste. Do not dismantle, open, or shred batteries. In case of a battery leak, do not allow the liquid to contact skin or eyes. Seek immediate medical attention if exposure occurs or any danger arises.

## ② Age Restriction:

This product is not recommended for children under 13 years of age (or the minimum age stipulated by local law) due to incomplete visual development. If you are over 13 but under the legal age of majority, you must use this product under the supervision of a parent or legal guardian, who must agree to these terms of service.

## ③ Health Precautions:

This product is not recommended for children under 13 years of age (or the minimum age stipulated by local law) due to incomplete visual development. If you are over 13 but under the legal age of majority, you must use this product under the supervision of a parent or legal guardian, who must agree to these terms of service.

## ④ Hearing Protection:

Do not use the device at high volume levels for extended periods to avoid potential hearing damage.

## ⑤ Usage Restrictions:

Do not use this product while driving, engaging in extreme sports, operating nuclear facilities, or in other potentially hazardous situations or special environments. Always comply with relevant regulations and use the product safely.

# Safety Information

## ⑥ Vision Obstruction:

Do not use this product while driving, engaging in extreme sports, operating nuclear facilities, or in other potentially hazardous situations or special environments. Always comply with relevant regulations and use the product safely.

## ⑦ Environmental Conditions:

Keep the device dry. Do not use the device in dusty, dirty, damp, or high-salinity environments (e.g., near the sea) as this can internal circuit failure.

## ⑧ Weather

Do not use the device during thunderstorms, which may cause malfunction or electric shock hazards.

## ⑨ Temperature Limits:

Use the device within an ambient temperature range of -25°C to 55°C (-13°F to 131°F). Store the device and its accessories within a temperature range of -10°C to 45°C (14°F to 113°F). Extreme temperatures (too high or too low) can cause device malfunction.

## ⑩ Heat Exposure:

Do not expose the device to high temperatures or place it near heat sources such as direct strong sunlight, heaters, microwave ovens, ovens or water heaters.

## ⑪ Tampering/Liquids:

Do not disassemble or modify the device, insert foreign objects, or immerse it in water or other liquids.

## ⑫ Fire Hazard:

Do not throw the device into a fire, as this may cause it to ignite.

# Safety Information

## ⑫ Fire Hazard:

Do not throw the device into a fire, as this may cause it to ignite.

## ⑬ Disposal:

Dispose of the device according to local regulations. Do not treat it as household waste. Comply with local ordinances regarding the disposal of the device and its accessories, and support recycling initiatives.

## ⑭ Children and Pets:

Do not allow children or pets to bite or chew on the device, as this could cause damage or injury.

## ⑮ Physical Damage:

Avoid dropping, crushing, or puncturing the device. Do not subject the device to significant external pressure which could lead to damage failure, short circuits, or lens breakage.

## ⑯ Small Parts:

This device and its accessories may contain small parts. Keep them out of reach of children, who could accidentally damage them or swallow the small parts, leading to choking or other hazards.



# Battery Warning Instructions

DO NOT store batteries in damp or high-temperature locations.

DO NOT dispose of batteries in fire; risk of explosion.

DO NOT short-circuit the battery terminals.

DO NOT dismantle the battery casing.

DO NOT install the battery in hazardous environments.

DO NOT touch the battery with wet hands.

DO NOT use solvents such as benzene or thinner to clean the battery.

STOP USING the battery immediately if it emits noise, behaves abnormally or leaks.

DO NOT squeeze or impact the battery, as this may cause it to overheat or catch fire.

DO NOT overcharge the battery.

DO NOT over-discharge the battery.

DO NOT short-circuit the positive and negative terminals (reverse polarity).

ALWAYS use the specified charger provided with the device.

## FCC Statement

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and 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 circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

This device may not cause harmful interference, and (2) this

## Specific Absorption Rate (SAR) information

This device meets the government's requirements for exposure to radio waves. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health. FCC RF Exposure Information and Statement the SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. Device types: This device has also been tested against this SAR limit.

This device was tested for typical body-worn operations with the back of the This device kept 0mm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain an 0mm separation distance between the user's body and the back of the This device. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.