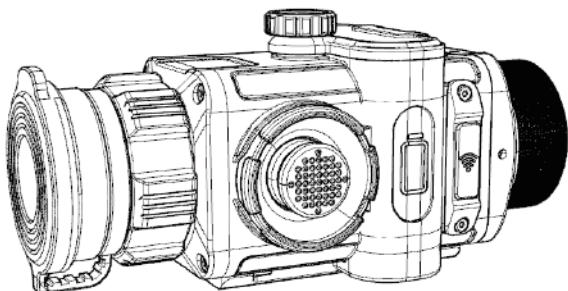


CONOTECH

# ARTEMIS

THERMAL FRONT ATTACHMENT



## **Attention!**

Export of **Artemis 25/35** models  
May have export limitations depending on  
the laws in your region.



## Attention!



The proper usage of the device is important for safe exploitation!  
Therefore read carefully the present manual!



If the device was left in storage for a longer period of time, before exploitation check its functionality.



Disassembling of the device is prohibited, except in authorized repair centers.



The external optical surfaces should be clean at all times. Touching the optical surfaces with bare hands is not recommended.



Sand and sea water can damage the optical coatings!



Do not point the device directly at the sun!



Image performance is dependent on scenery and atmosphere conditions. Contrast in the same image may vary as a function of the time of day due to the effect of the sun. For example, at sunset objects will have absorbed different levels of heat resulting in greater temperature differences and better contrast.



When left in storage for a longer period of time, batteries have to be removed and stored in polyethylene bags to prevent contact with metal. (It is recommended to recharge the batteries every two to three months)



When carrying or transporting the device, put the protective lens cap!



Condensation can cause fogging of the optical surfaces! Condensation occurs when the temperature or humidity changes as follows:

- *When moving the device from cold to warm place or vice versa;*
- *In places with high humidity.*

When equalizing the temperature of the device with the environmental, the condensation disappears. Use the towel to remove moisture.



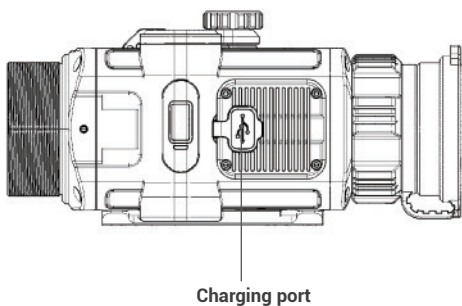
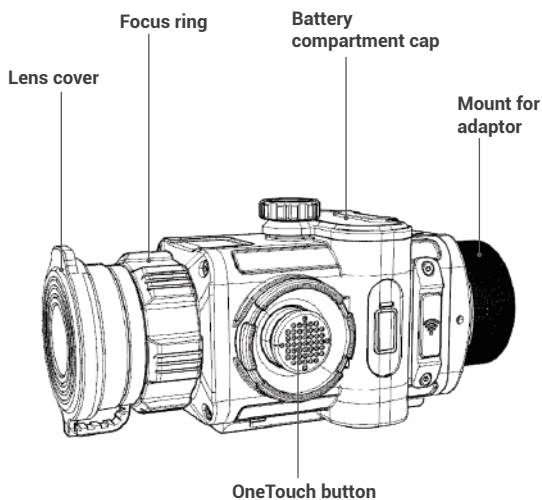
Clean the lens surfaces with the Lens Cloth or with the napkin!



**LEGAL  
NOTICE**

Before attaching to weapons, check the regional legal regulations in the area of application.

The attachment to a weapon is always the sole responsibility of the user.

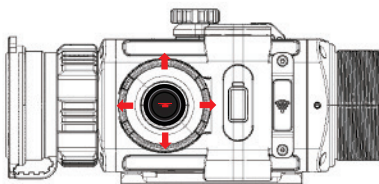


**NOTE**

All images used in this instruction manual are for illustrative purpose only. Actual product may vary due to product enhancement.

**ATTENTION!**

The main operations are performed through the "OneTouch Button" ( 5 position button) .

**ATTENTION!**

Turn off the device after usage, otherwise you can permanently damage the batteries!

Middle



Up



Down

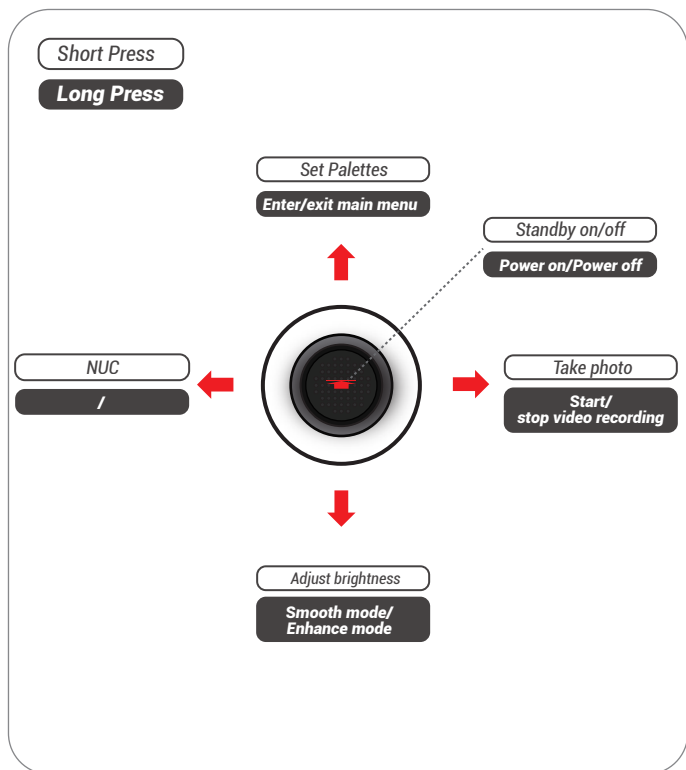


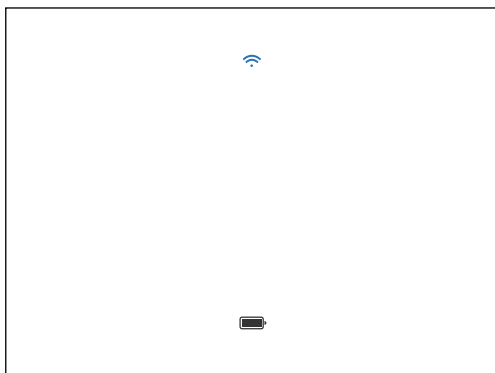
Left



Right

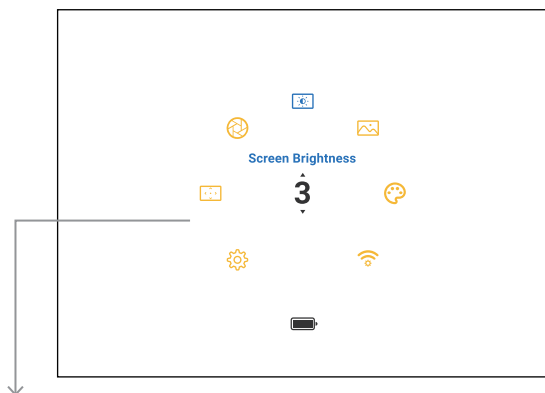






The status icons are respectively located at the top and bottom of the display and show information on the actual operating status of the device, including:

- Battery capacity
- Wifi status



Main menu setting icons

The Quick menu allows change of basic settings.

Up



### Palette

Short press **Up** button to switch palette.

WH---WhiteHot

WW---WarmHot

BH---BlackHot

CG---ColdGreen

GB---Glowbow

RB---Rainbow

### Main Menu

Long Press **Up** Button to enter/exit Main menu.

Down



### Screen Brightness

Short press **Down** button to switch brightness from 1 to 5.

### Image Mode

Long press **Down** button to switch between Smooth mode and Enhance mode.

Left



### NUC

Short press **Left** button to do Non-uniformity calibration.

If the Calibration mode is **(A)**, short press **Left** button to do auto NUC.

If the Calibration mode is **(M)**, short press **Left** button to do manual calibration.

If the Calibration mode is **(S)**, short press **Left** button to do silent calibration.

Right



### Take Photo

Short press **Right** button to take a photo.

### Start/Stop Video Recording

Long press **Right** button to start/stop video recording.

Middle



### Standby Mode

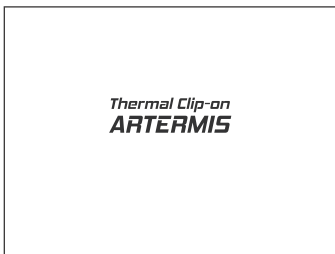
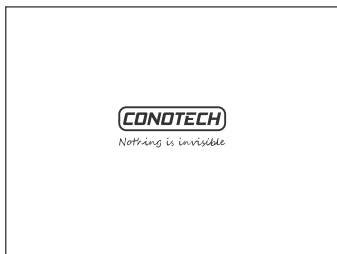
Short press **Middle** button to enter/exit Standby mode.

Long press **Middle** button to Power on/off the device.



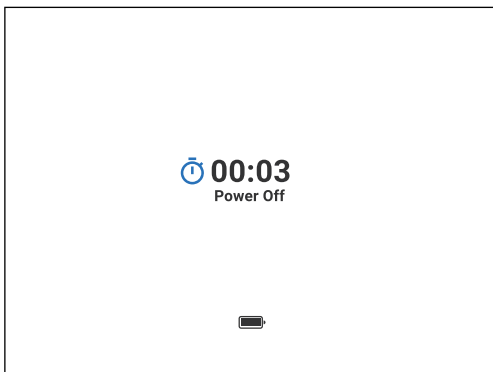
## Start up image

Long press **Middle** button to power on the device.



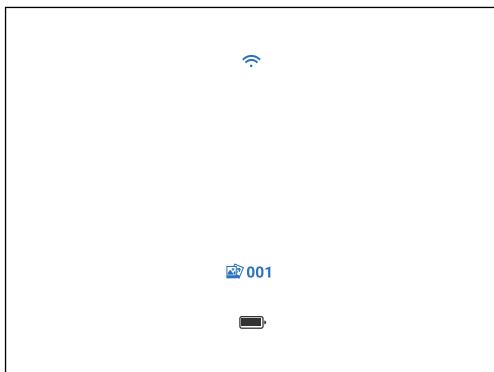
## Power off image

Long press **Middle** button to power off the device after counting down 3-2-1.

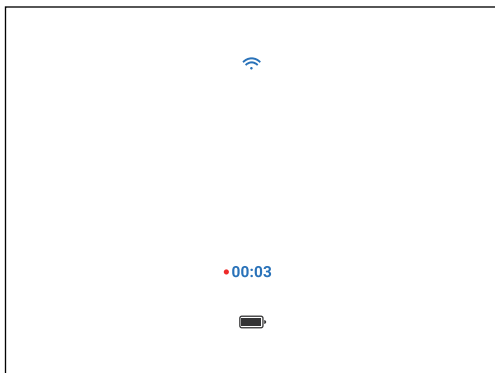


## Take Photo/Video on-boarding

Short Press **Right** button to take a photo, number of photos will shown on bottom screen.



Long Press **Right** button to start/stop video recording, recording icon will be shown on screen.



### Please note the following before using :

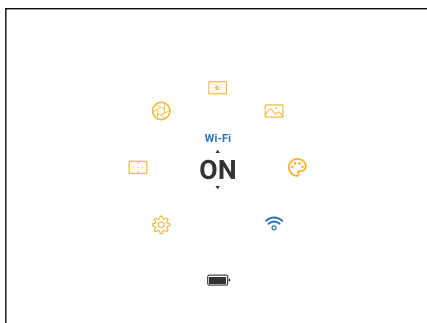
You can not take photos/videos while connecting with PC. Otherwise the photos/videos are not actually saved.

When you take photos, do not press too quickly, always wait until 001 disappears before you take 002.

# Take Photo/Video by CONOTECH

User can take photo / video on board or by CONOTECH App.  
Replay on Smart phone.

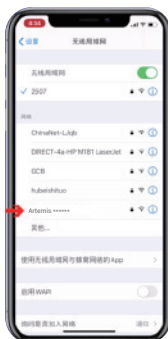
To get started, install the free CONOTECH App on your mobile device.  
You can search and download at App Store and GooglePlay.



CONOTECH



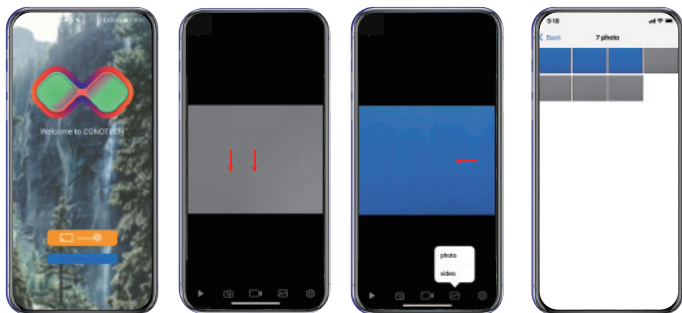
Find WIFI named:  
Artemis \*\*\*\*\*



Enter password:  
12345678

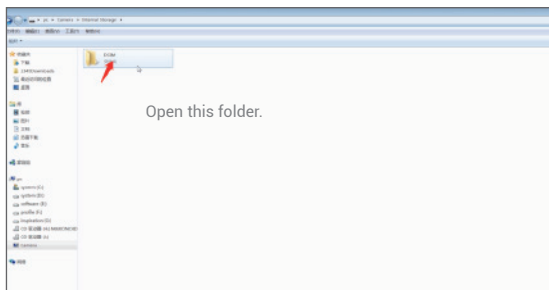
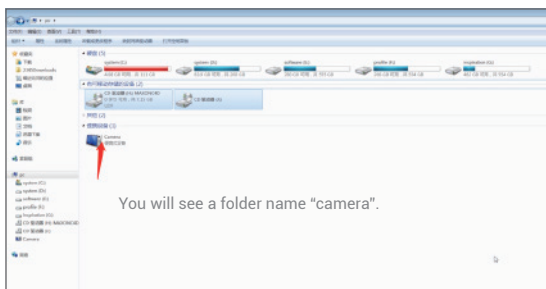


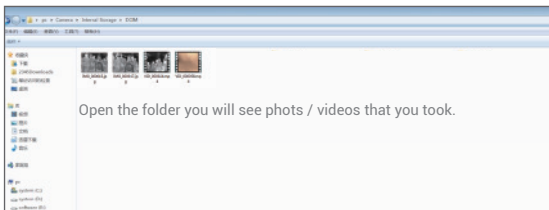
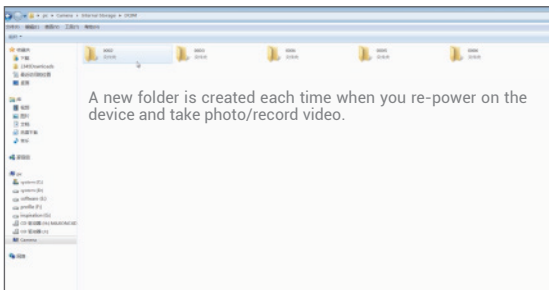
After wait for 10s



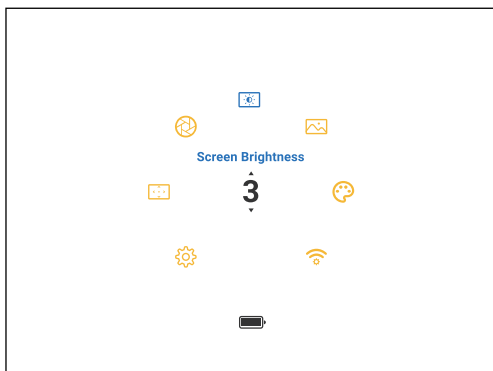
## How to replay on PC?

Connect the Type-C usb cable to PC.





Long press Up button to enter main menu.



Short press Right button to move the cursor from 1 to 7, short press Left button to move the cursor from 7 to 1.

- 1) Screen Brightness
- 2) Image mode
- 3) Palette
- 4) WiFi
- 5) Advance Setting
- 6) Alignment
- 7) Calibration Mode



## Screen Brightness

Short press **Up/Down** button to change Screen Brightness from 1~5.  
When the brightness is adjusted to 5 or 1, change the setting according to the narrow points.



## Image Mode

Short press **Up/Down** button to switch between Smooth mode and Enhance mode.





## Palette

Short press **Up/Down** button to switch the Palette from WH-WW-BH-CG-GB-RB.



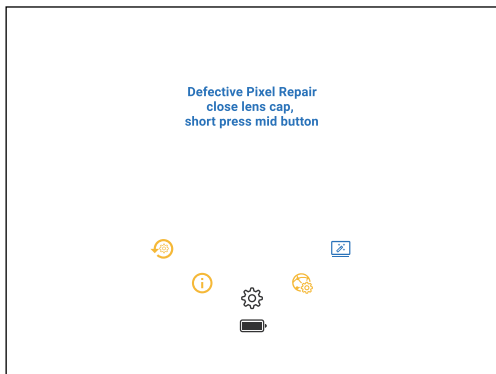
## WiFi

Short press **Up/Down** button to turn on/off WiFi, the default status is WiFi off.  
With  shown in display means WiFi is on, without  shown in display means WiFi is Off.



## Advance Setting

Short press **Up/Down** button to enter submenu of Advance Setting.  
Long press **Up** button to exit submenu of Advance Setting.



## Defective Pixel Repair

Short press **Left/Right** button to move the cursor to Defective Pixel Repair, close lens cap and short press **Middle** button to start Defective Pixel Repair, complete after counting down 3-2-1.



## Language

Short press **Left/Right** button to move the cursor to Language, short press **Up/Down** button to select Language, the default Language is English.

EN---English    DE---German    RU---Russian  
CZ---Czech      ES---Spanish



## Device Info

Short press **Left/Right** button to move the cursor to show Device Info.



## Restore Factory Settings

Short press **left/Right** button to move the cursor to Restore Factory Settings.

Short press **Up/Down** to select Yes/No. Short press **Middle** button to set menu settings to default when selecting Yes.

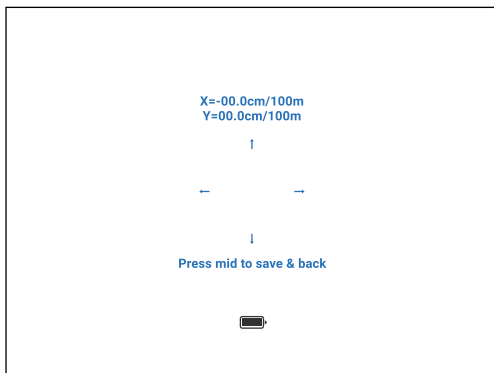
The following settings will be restored to original values before changes made by user:

WiFi Status  
Palette  
Screen Brightness  
Image Mode  
Language  
Calibration Mode



## Alignment

Artemis is adjusted with accuracy from 0.1 mrad to 0.3 mrad before shipping out. The final accuracy depends on user's rifle scope, parallax and shooting distance. So Artemis offers super accuracy by alignment.

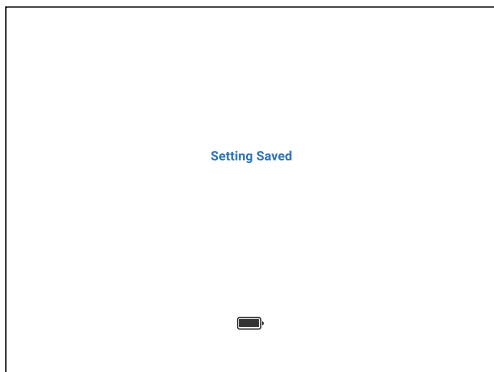


Operating Instructions for accuracy correction:

1) Aiming your daytime scope to the middle of target and shoot which is to test and control good daytime scope accuracy.



- 2) Clip Artemis onto the daytime scope by adapter. Aim to the thermal target and shoot again.
- 3) Measure horizontal distance  $x$  and vertical distance  $y$  between shooting position and target from step 2.
- 4) Short press **Up/Down** button to enter Alignment.
- 5) Short/long press **Up/Down** button to adjust the value of  $y$ , short/long press Left/Right to adjust the value of  $x$ .
  - Short press **Left** button,  $x=-2.4\text{cm}$  on 100m
  - Long press **Left** button  $x=-24\text{cm}$  on 100m
  - Short press **Right** button  $x=2.4\text{cm}$  on 100m
  - Long press **Right** button  $x=24\text{cm}$  on 100m
  - Short press **Up** button  $y=2.4\text{cm}$  on 100m
  - Long press **Up** button  $y=24\text{cm}$  on 100m
  - Short press **Down** button  $y=-2.4\text{cm}$  on 100m
  - Long press **Down** button  $y=-24\text{cm}$  on 100m
- 6) Short press **Middle** button to save and back.




## Calibration Mode

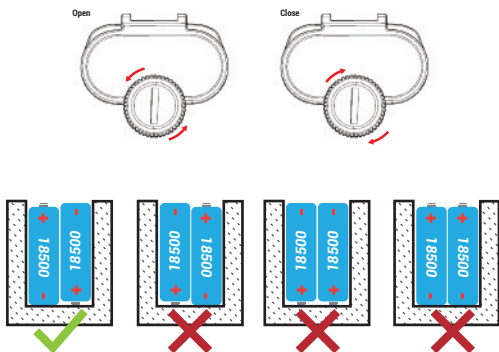
Short press **Right/Left** button to move the cursor to Calibration Mode.  
Short press **Up/Down** button to select A/S/M mode, short press **Middle** button to save setting.

- A-- Auto NUC
- S-- Slient Calibration
- M-- Manual Calibration

**Note:** Calibration mode is only for selecting A/S/M mode, but not available to do Non-uniformity calibration.  
Short press **Left** button in real-time image to do Non-uniformity calibration.

## Battery Installation

1. When the icon  is appeared on the display, please replace the new battery to supply;
2. It is necessary to power off before replacing the batteries, turn the battery compartment knob counterclockwise until stop.
3. Please install two 18500 batteries according to the positive and negative signs. Otherwise, the Artemis will not start.
4. Close the battery compartment knob.



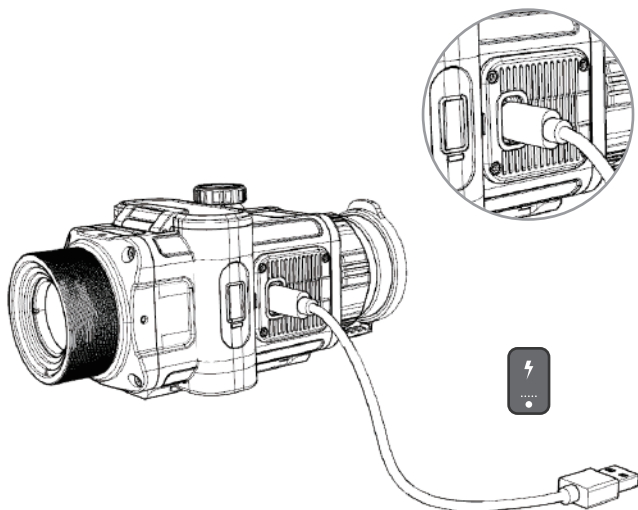
Battery charge level is displayed on the status bar.



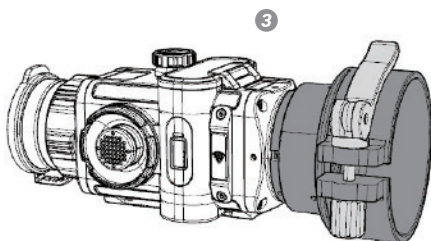
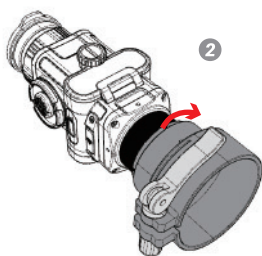
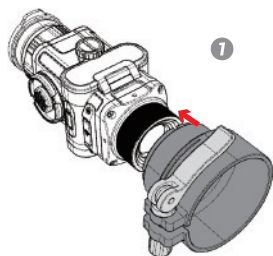
1. Power supply / Firmware update



The charging port is for 5V Type-C USB, serves for external power supply, data transmission and firmware update.



Install adapter  
to Artemis



- Before storing it, clean obligatory the device (if on its surface there are moisture, dust or traces of dirt)!
- Make sure that there are no traces of moisture, and the battery compartment is empty!
- It is also possible for a short periods of time device to be stored in a suitable soft pack, bag or cartridge box.
- The premises in which the device is kept for long term have to be dry, enclosed, unheated and ventilated.
- During the storage should not be allowed exposure to aggressive environments, temperatures below  $-50^{\circ}\text{C}$  and above  $+60^{\circ}\text{C}$ , relative humidity greater than 80%, and prolonged periods of direct sunlight.
- Before each transportation, the product should be neatly packed in its original packaging (transport bag) and all other items and accessories should be carefully and steadily placed in the bag. After that the bag should be steadily placed in the transport suitcase.
- You can ship the product with all types of transport at different distances and at altitude up to 12000 m.

## Technical Data Sheet

| Technical Data Sheet               |   |             |
|------------------------------------|---|-------------|
|                                    | Artemis 25  | Artemis 35  |
| <b>Detector</b>                    |   |             |
| Type                               | Uncooled Vox  |             |
| Resolution                         | 384x288   |             |
| Frame rate                         | 50Hz  |             |
| Pitch                              | 12µm  |             |
| Spectral range                     | 8-14µm  |             |
| NETD                               | Less than 35mk  |             |
| <b>Optical Characteristics</b>     |   |             |
| Objective lens                     | 25mm/F1.0   | 35mm/F1.1   |
| Magnification                      | 1X  | 1X          |
| FOV                                | 10.6°x7.9°  | 7.5°x5.6°   |
| FOV at 100m                        | 18.4mX14m   | 13.2mX10m   |
| Close-up range                     | 3m  |             |
| <b>Functions</b>                   |   |             |
| Palette                            | BlackHot, WhiteHot, RedHot, Glowbow, ColdGreen, Rainbow |             |
| Start up time                      | Less than 3 seconds                                     |             |
| Detail enhancement                 | Yes   |             |
| WiFi                               | Yes   |             |
| Storage capacity                   | 32G   |             |
| Standby mode                       | Yes   |             |
| <b>Display</b>                     |   |             |
| Type                               | OLED  |             |
| Resolution                         | 1024x768  |             |
| <b>Power Supply</b>                |   |             |
| Battery                            | 2x18500   |             |
| External power supply              | 5V micro USB  |             |
| External Interface                 | Type-C  |             |
| Working time with battery          | 6.5h  |             |
| <b>Physical Characteristics</b>    |   |             |
| Weight without battery             | 450g  | 470g        |
| Size                               | 145*67*69mm   | 155*67*69mm |
| <b>Environmental Compatibility</b> |   |             |
| Water proof                        | IP67  |             |
| Operating temperature              | -20°C -50°C   |             |
| Storage temperature                | -40°C -60°C   |             |



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