



## Quick Start Guide

V1.0

# QUEST

Thermal Imaging  
Binoculars

QUEST H50R / QUEST H35R / QUEST L35R



**EN**

**Please read this manual before using the product, and keep the guide for future reference.**

For detailed information about the device, please download the complete user manual from the official website ([www.nocpix.com](http://www.nocpix.com)).

**DE**

**Bitte lesen Sie dieses Handbuch sorgfältig durch, bevor Sie dieses Produkt verwenden, und bewahren Sie es zum späteren Nachschlagen gut auf.**

Ausführliche Informationen über das Gerät finden Sie im vollständigen Benutzerhandbuch, das Sie von der offiziellen Website ([www.nocpix.com](http://www.nocpix.com)) herunterladen können.

**IT**

**Si prega di leggere questa guida prima di utilizzare il prodotto e conservarla per riferimento futuro.**

Per informazioni dettagliate sul dispositivo, si prega di scaricare il manuale d'uso completo dal sito ufficiale ([www.nocpix.com](http://www.nocpix.com)).

**FR**

**Veuillez consulter ce guide avant d'utiliser le produit et gardez-le pour vous y référer ultérieurement.**

Pour plus d'informations sur l'appareil, veuillez télécharger le manuel d'utilisation complet sur le site officiel ([www.nocpix.com](http://www.nocpix.com)).

**ES**

**Lea este manual antes de usar el producto y conserve la guía para referencia futura.**

Para obtener información detallada sobre el dispositivo, descargue el manual de usuario completo del sitio web oficial ([www.nocpix.com](http://www.nocpix.com)).

# **| Important Safety Information**

## **Environmental influences**

Never point the lens of the device directly at intense heat sources such as the sun or laser equipment. The objective lens and eyepiece can function as a burning glass and damage the interior components.

## **Risk of swallowing**

Do not place this device in the hands of small children. Incorrect handling can cause small parts to come loose which may be swallowed.

## **Safety instructions for use**

- Handle the device with care: rough handling may damage the battery.
- Do not expose the device to fire or high temperatures.
- Install the batteries correctly according to the instruction on the device. Reverse connection is prohibited.
- The battery capacity decreases when operated in a cold ambient temperature. This is not a fault and occurs for technical reasons.
- Always store the device in a dry, well-ventilated space. For prolonged storage, remove the batteries.
- The recommended temperature for using this product is -20°C to +50°C. Otherwise, it will affect the service life of the product.
- Do not store the device for long periods at temperatures below 20°C or above 50°C, or this will permanently reduce the capacity of the battery.
- If the device has been damaged or the battery is defective, send the device to our after-sales service for repair.

## **EU Compliance Statement**

Wireless transmitter module frequency range:

WLAN: 2.412-2.472GHz (For EU)

Wireless transmitter module power < 20dBm (only for EU)



We, Inlumen Technologies Co., Ltd. hereby declares that the radio equipment types QUEST are in compliance with the Directives 2014/53/EU and 2011/65/EU.

### **Disposal of batteries**



2023/1542 (Battery Regulation): This product contains a battery that cannot be disposed of as unsorted municipal waste in the European Union. For battery details, refer to the documentation of the specific product. The battery is marked with this symbol, which may include Cd (indicating cadmium), Pb (indicating lead), or Hg (indicating mercury). For proper recycling, please return the battery to your supplier or send it to a designated collection point. For more information, visit [www.recyclethis.info](http://www.recyclethis.info).

### **User information on the disposal of electrical and electronic devices (private households)**



2012/19/EU (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: [www.recyclethis.info](http://www.recyclethis.info).

### **For business customers within the European Union**

Please contact your dealer or supplier regarding the disposal of electrical and electronic devices. He will provide you with further information.

### **Information on disposal in other countries outside of the European Union**

This symbol is only applicable in the European Union. Please contact your local authority or dealer if you wish to dispose of this product and ask for a disposal option.

## **Intended use**

The device is intended for displaying heat signatures during nature observation, remote hunting observations and for civil use. This device is not a toy for children.

Use the device only as described in this operating manual. The manufacturer and the dealer accept no liability for damages which arise due to non-intended or incorrect use.

## **Function test**

Before use, please ensure that your device has no visible damage.

Test to see if the device displays a clear, undisturbed image.

Check that the settings for the thermal imaging monocular are correct.

## **Installing/Removing the battery**

The Quest series thermal imaging binocular can install one 18650 battery, refer to section battery installation for details.

## **FCC Statement**

FCC ID: 2BHFB-QUEST-00

## **Labeling requirements**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

## **Information to the user**

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## EMC: Class A

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

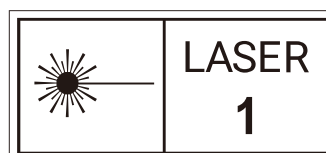
To comply with RF exposure requirements, a minimum separation distance of 0.00 cm must be maintained between the user's body and the handset, including the antenna.

## Laser Warning

QUEST H50R / QUEST H35R / QUEST L35R



**LASER APERTURE**

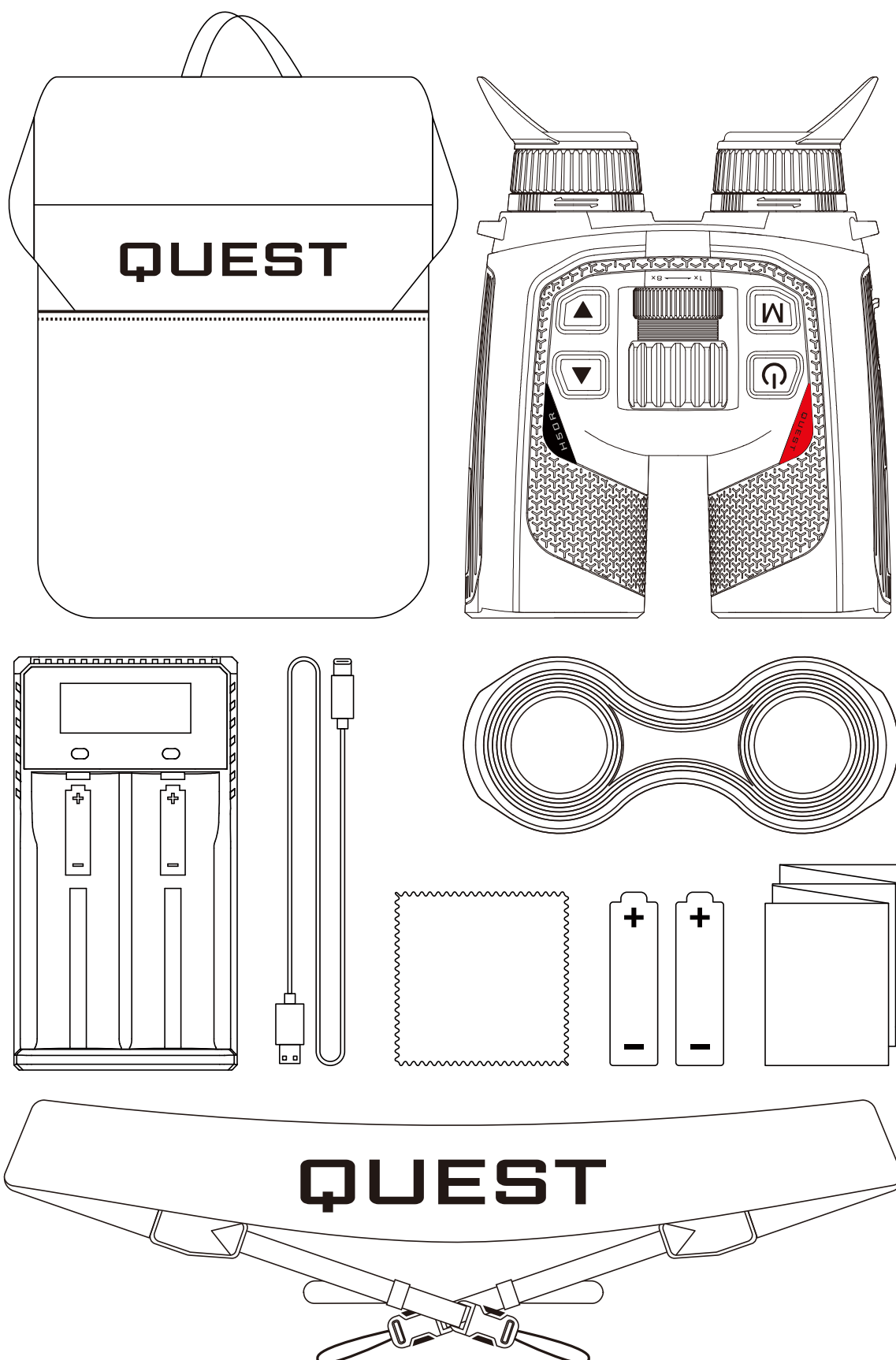


# QUEST

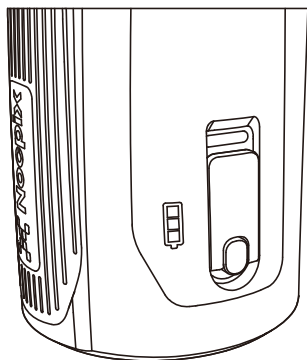
## Quick Start Guide

**EN****Thermal Imaging Binoculars****1-12****DE****Thermal Imaging Binoculars****13-24****IT****Binocolo per immagini termiche****25-36****FR****Jumelles d'imagerie thermique****37-48****ES****Binocular de Imagen Térmica****49-60****CE****RoHS**

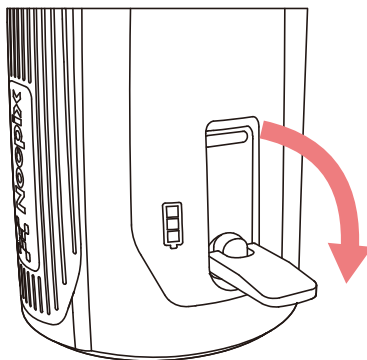
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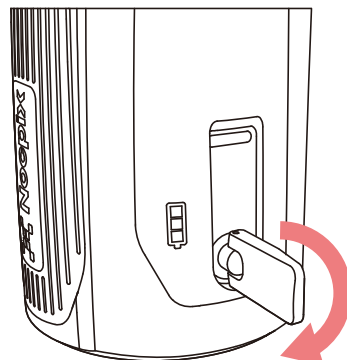
# Battery Install



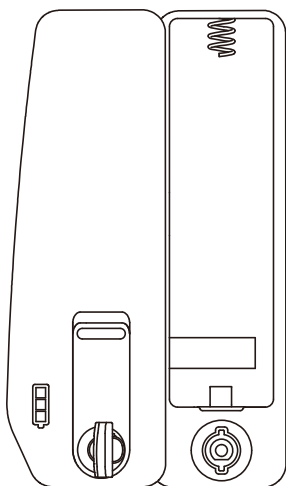
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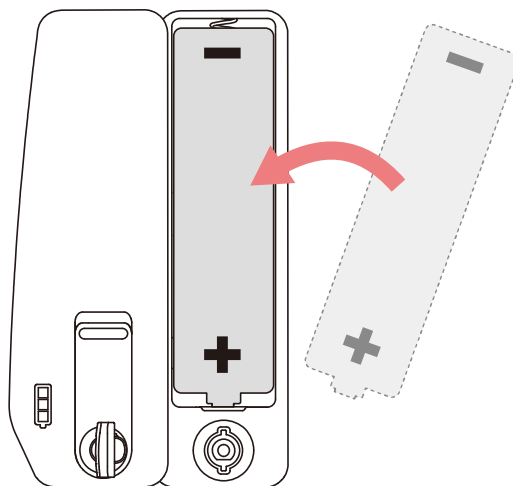
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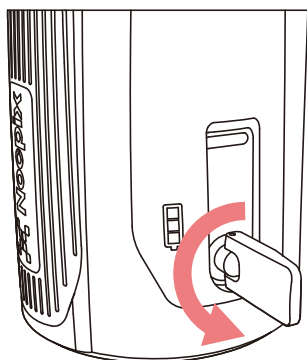
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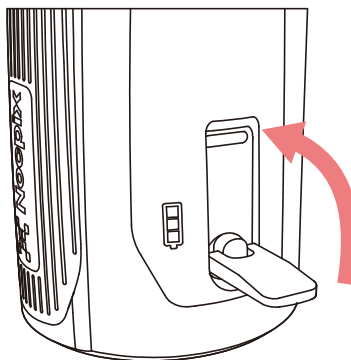
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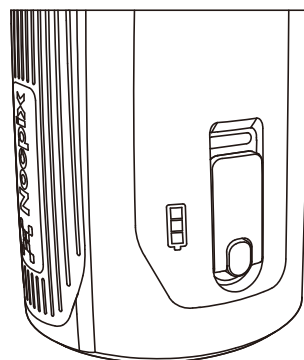
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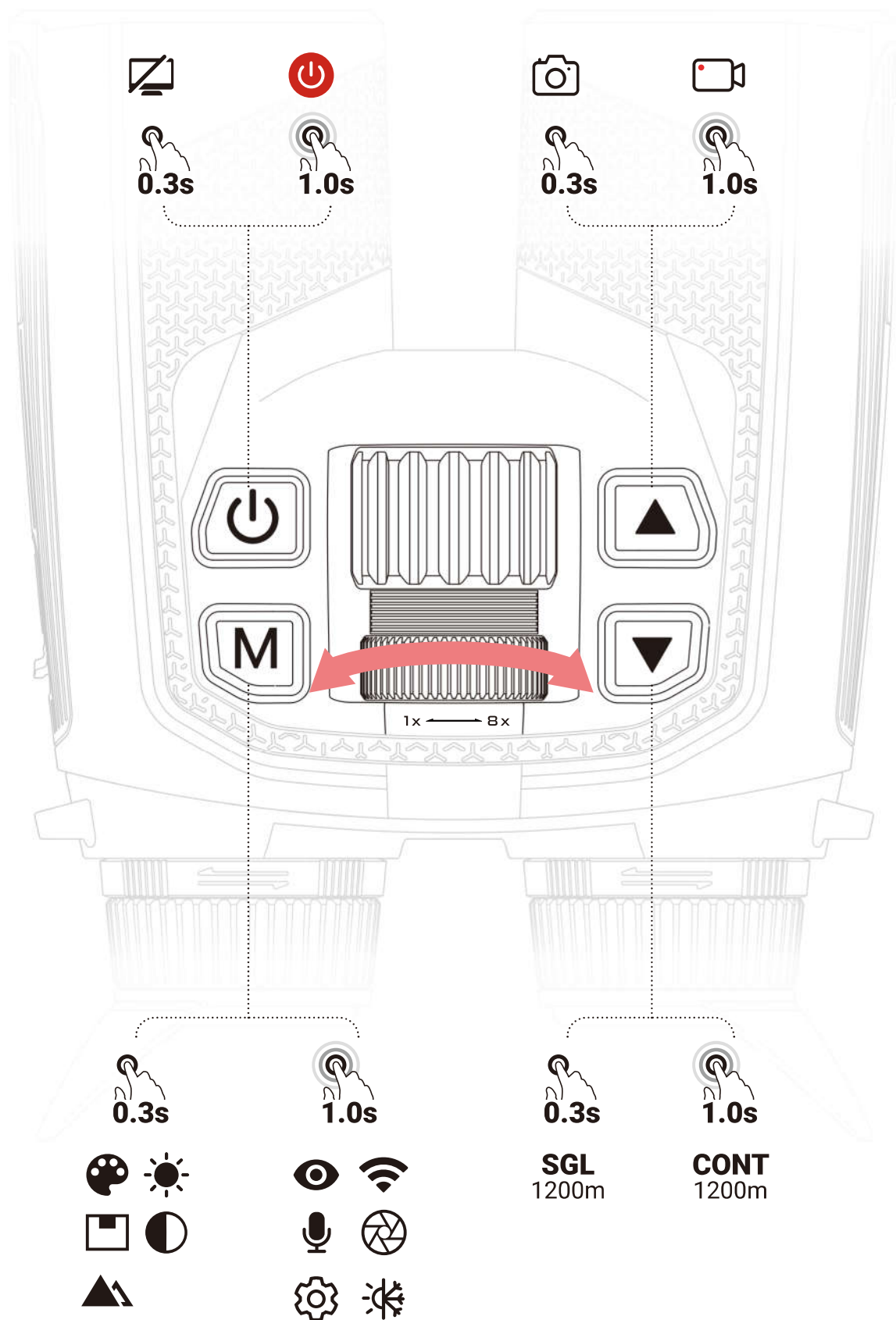


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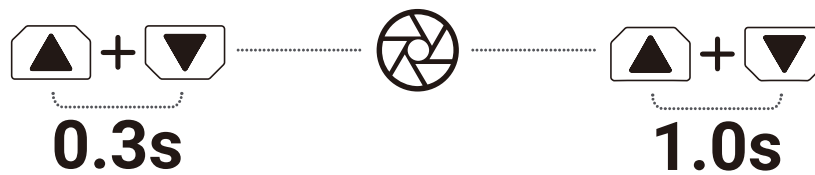
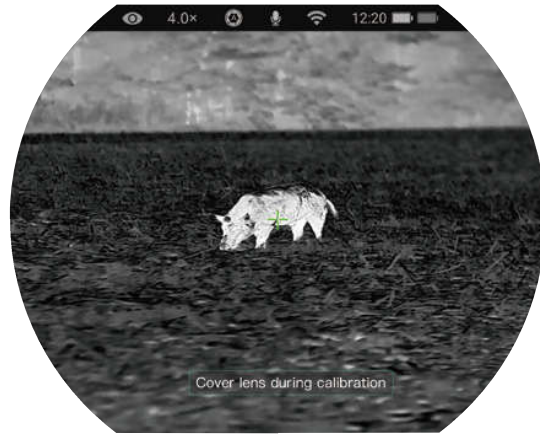


8

# | Button Descriptions



# | Button Descriptions



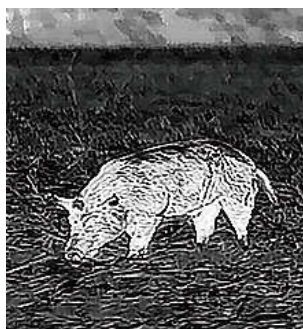
# Shortcut Menu



1 5 10

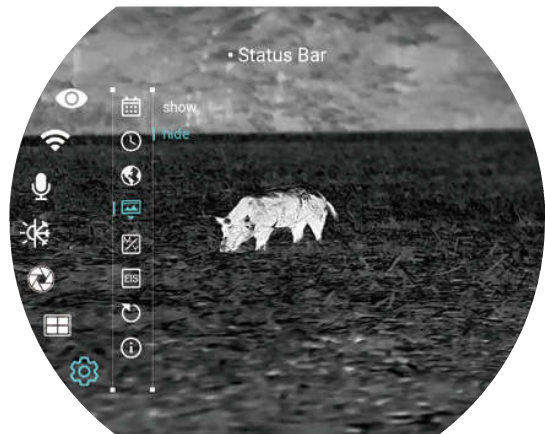


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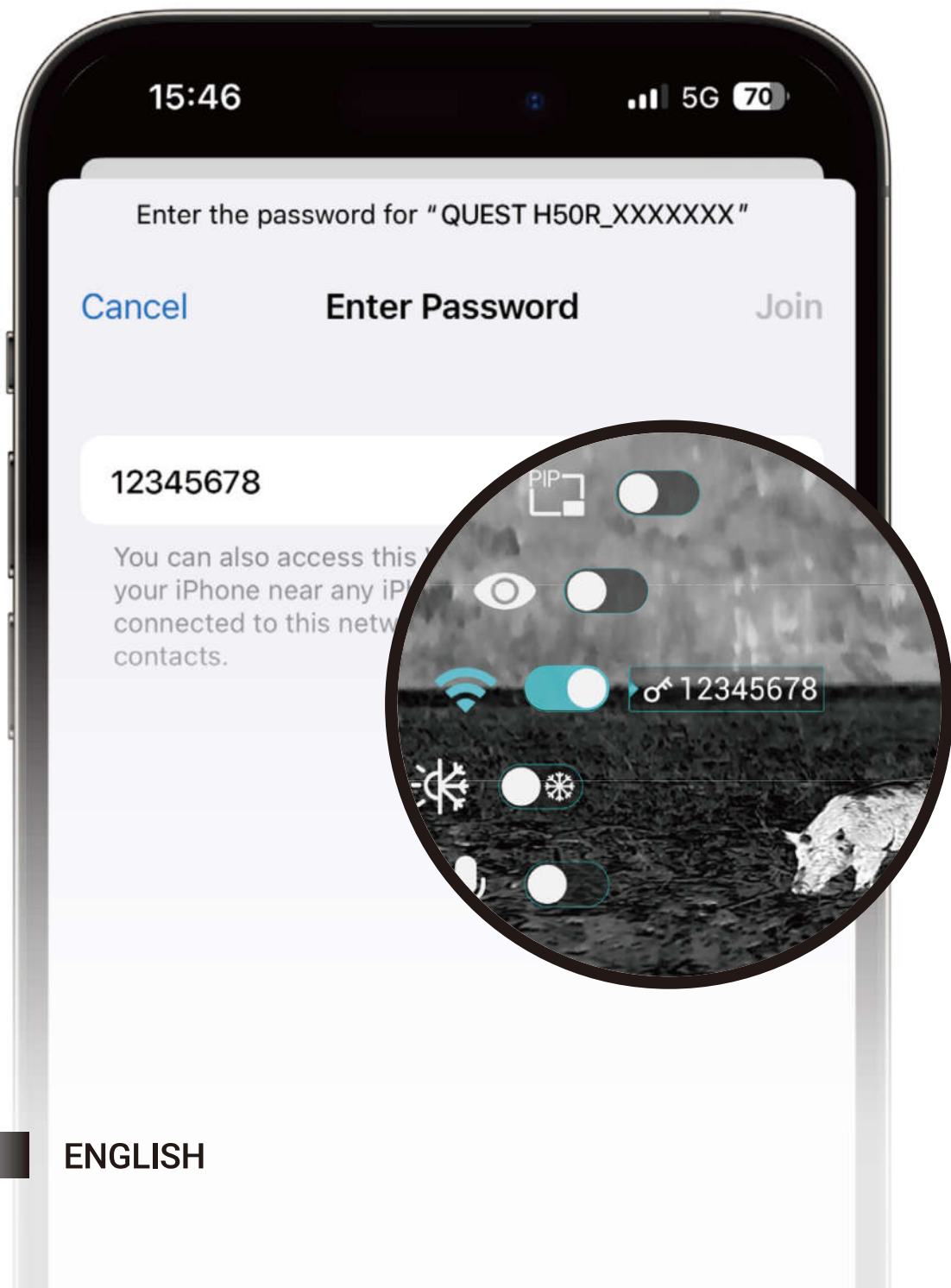
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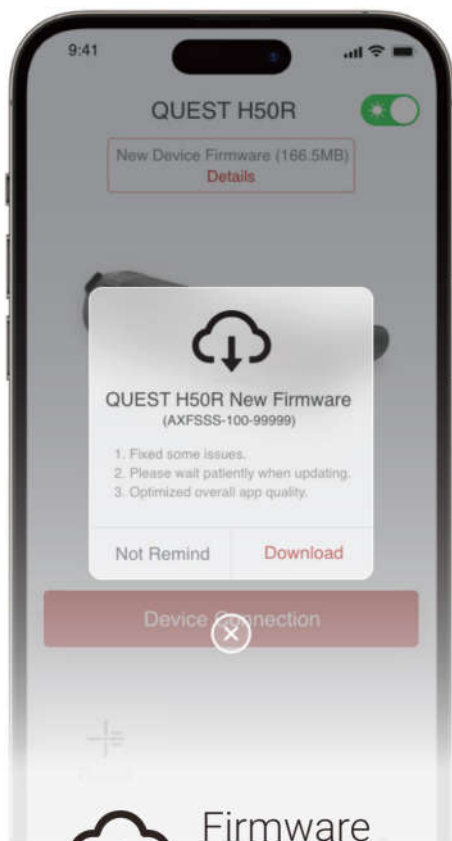
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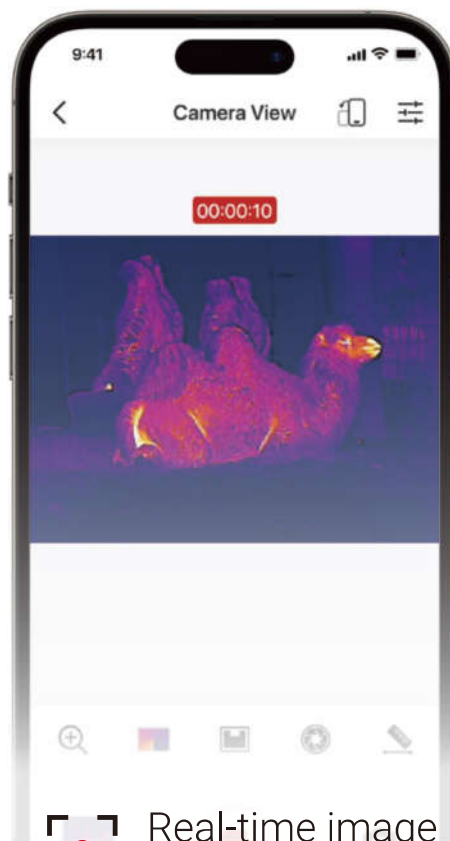


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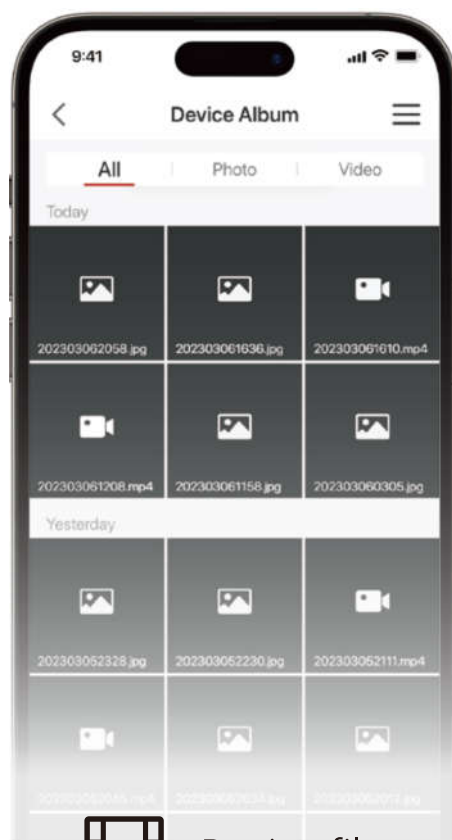




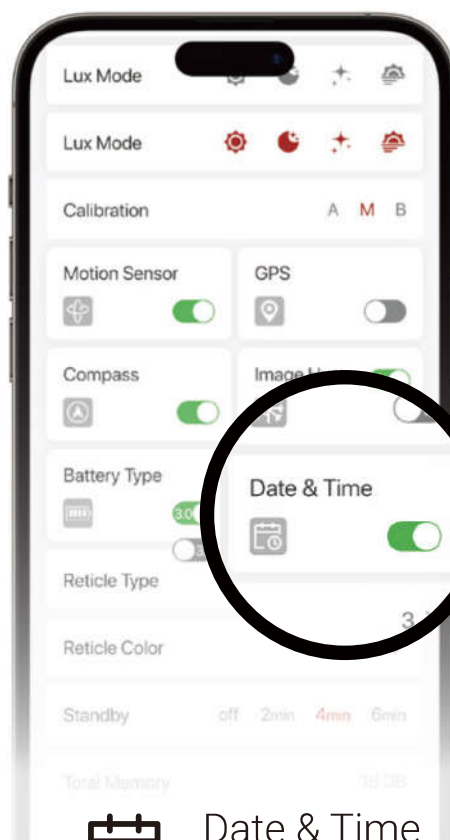
Firmware  
upgrade



Real-time image  
transmission



Device file



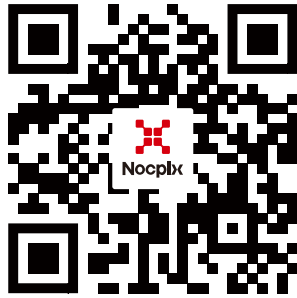
Date & Time  
calibration

# Specifications

| Model                                                      | QUEST H50R                                              | QUEST H35R        |
|------------------------------------------------------------|---------------------------------------------------------|-------------------|
| Resolution, Pixels                                         | 640×512, 12μm                                           |                   |
| NETD, mK                                                   | ≤20                                                     |                   |
| Frame Rate, Hz                                             | 60                                                      |                   |
| Objective Lens, mm                                         | 50 F1.1                                                 | 35 F0.9           |
| Field of View (H×V),<br>°/m at 100m                        | 8.8×7.0/<br>15×12                                       | 12.5×10/<br>22×18 |
| Magnification, ×                                           | 4~32                                                    | 3~24              |
| Detective Range, m<br>(Target size: 1.7m × 0.5m, P(n)=99%) | 2600                                                    | 1800              |
| Eye Relief, mm                                             | 25                                                      |                   |
| Exit Pupil Diameter, mm                                    | 10                                                      |                   |
| Diopter, D                                                 | ±5                                                      |                   |
| Display                                                    | AMOLED 1920×1200                                        |                   |
| Battery Type                                               | Built-in battery/4200mAh +<br>replaceable 18650 battery |                   |
| Max. Operation Time, (t=22°C) h                            | 7                                                       |                   |
| Safety Class For Laser                                     | Class 1                                                 |                   |
| LRF, m                                                     | 800                                                     |                   |
| MIC                                                        | Support                                                 |                   |
| Memory Capacity, GB                                        | 64                                                      |                   |
| IP Rating                                                  | IP67                                                    |                   |
| Operating Temperature, °C                                  | -20 ~ +55                                               |                   |
| Weight, g<br>(Without Replaceable Battery)                 | <700                                                    | <700              |
| Dimension, mm                                              | ≤160×137×60                                             | ≤160×137×60       |

| Model                                                      | QUEST L35R                                              |
|------------------------------------------------------------|---------------------------------------------------------|
| Resolution, Pixels                                         | 384×288, 12μm                                           |
| NETD, mK                                                   | ≤20                                                     |
| Frame Rate, Hz                                             | 60                                                      |
| Objective Lens, mm                                         | 35 F0.9                                                 |
| Field of View (H×V),<br>°/m at 100m                        | 7.5×5.7/13×10                                           |
| Magnification, ×                                           | 5~40                                                    |
| Detective Range, m<br>(Target size: 1.7m × 0.5m, P(n)=99%) | 1800                                                    |
| Eye Relief, mm                                             | 25                                                      |
| Exit Pupil Diameter, mm                                    | 10                                                      |
| Dioptr, D                                                  | ±5                                                      |
| Display                                                    | AMOLED 1920×1200                                        |
| Battery Type                                               | Built-in battery/4200mAh +<br>replaceable 18650 battery |
| Max. Operation Time, (t=22°C) h                            | 7                                                       |
| Safety Class For Laser                                     | Class 1                                                 |
| LRF, m                                                     | 800                                                     |
| MIC                                                        | Support                                                 |
| Memory Capacity, GB                                        | 64                                                      |
| IP Rating                                                  | IP67                                                    |
| Operating Temperature, °C                                  | -20 ~ +55                                               |
| Weight, g<br>(Without Replaceable Battery)                 | <700                                                    |
| Dimension, mm                                              | ≤160×137×60                                             |

## | Get More Information



Website:  
[www.nocpix.com](http://www.nocpix.com)



User manual



Facebook

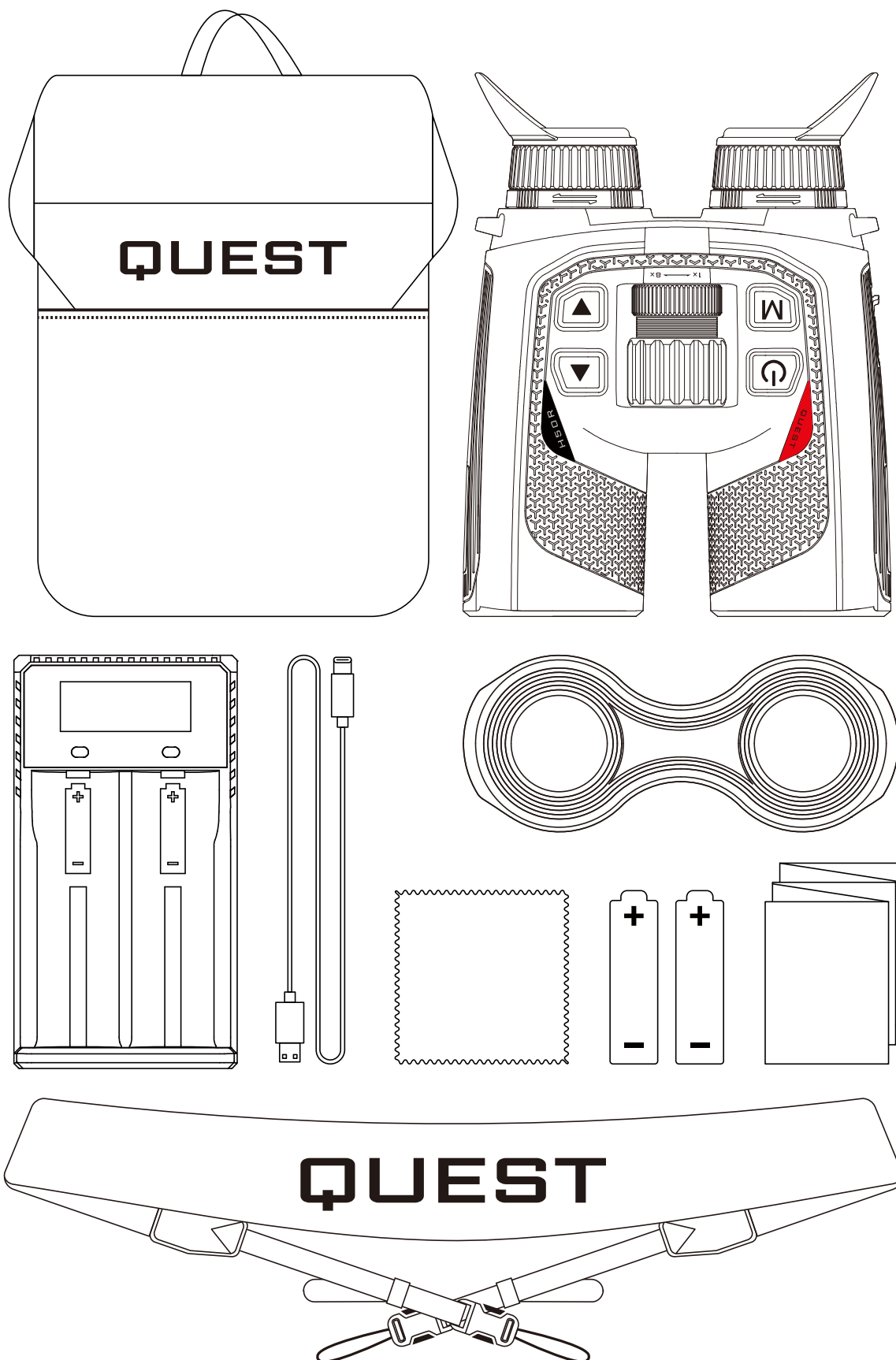


Instagram

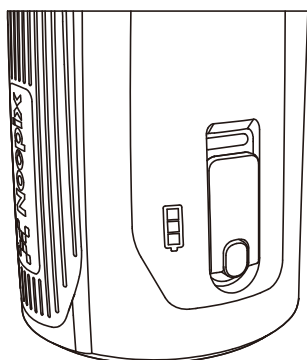


YouTube

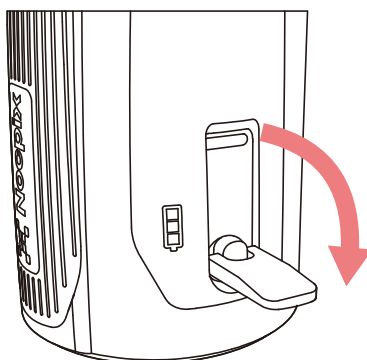
# Zubehör



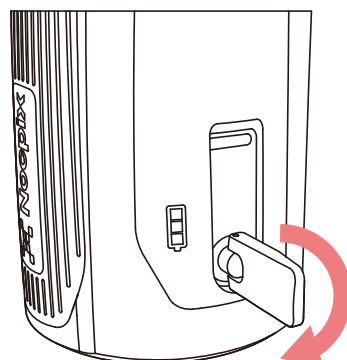
# Batterie einbauen



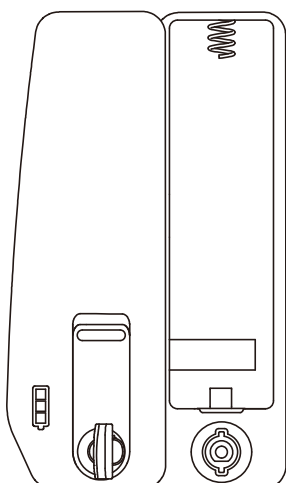
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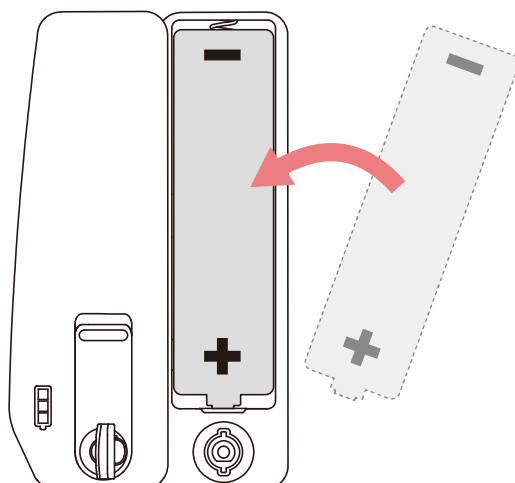
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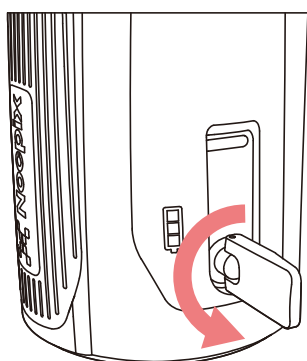
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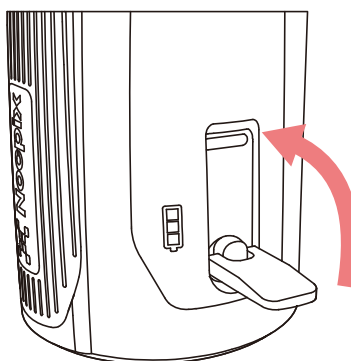
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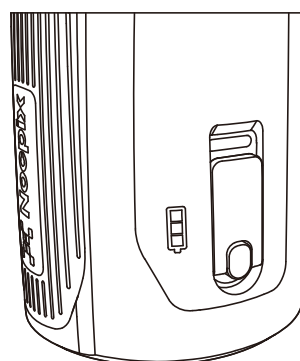
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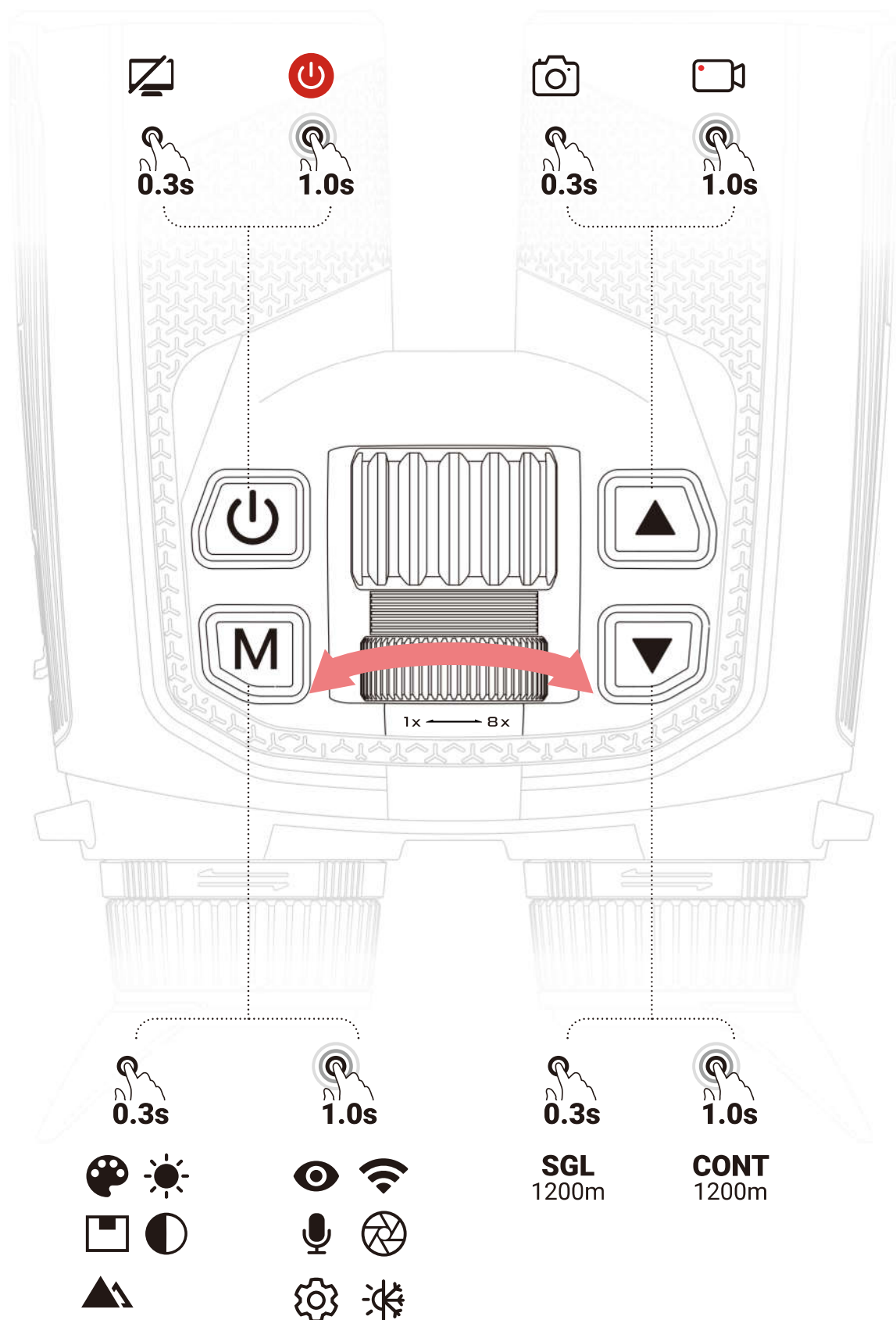


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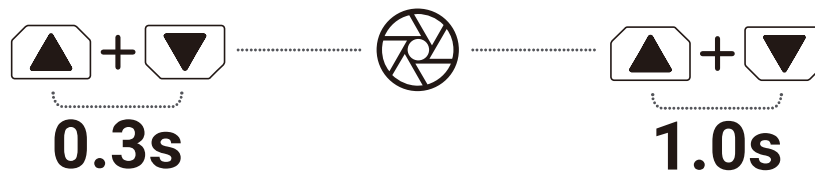


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# Tastenbeschreibung



# | Tastenbeschreibung



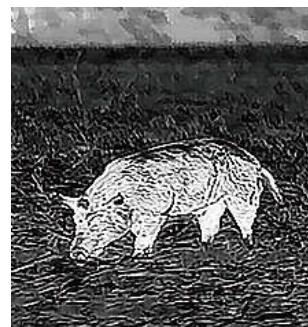
# Kontextmenü



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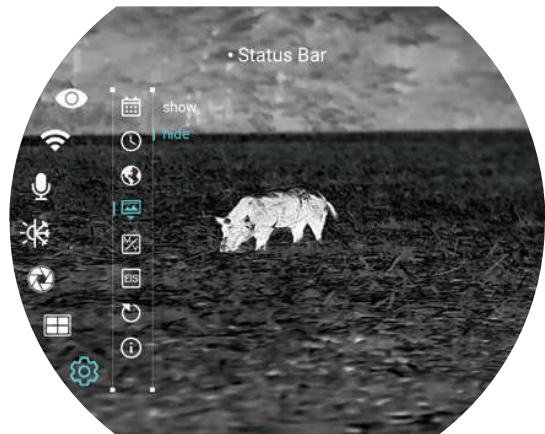


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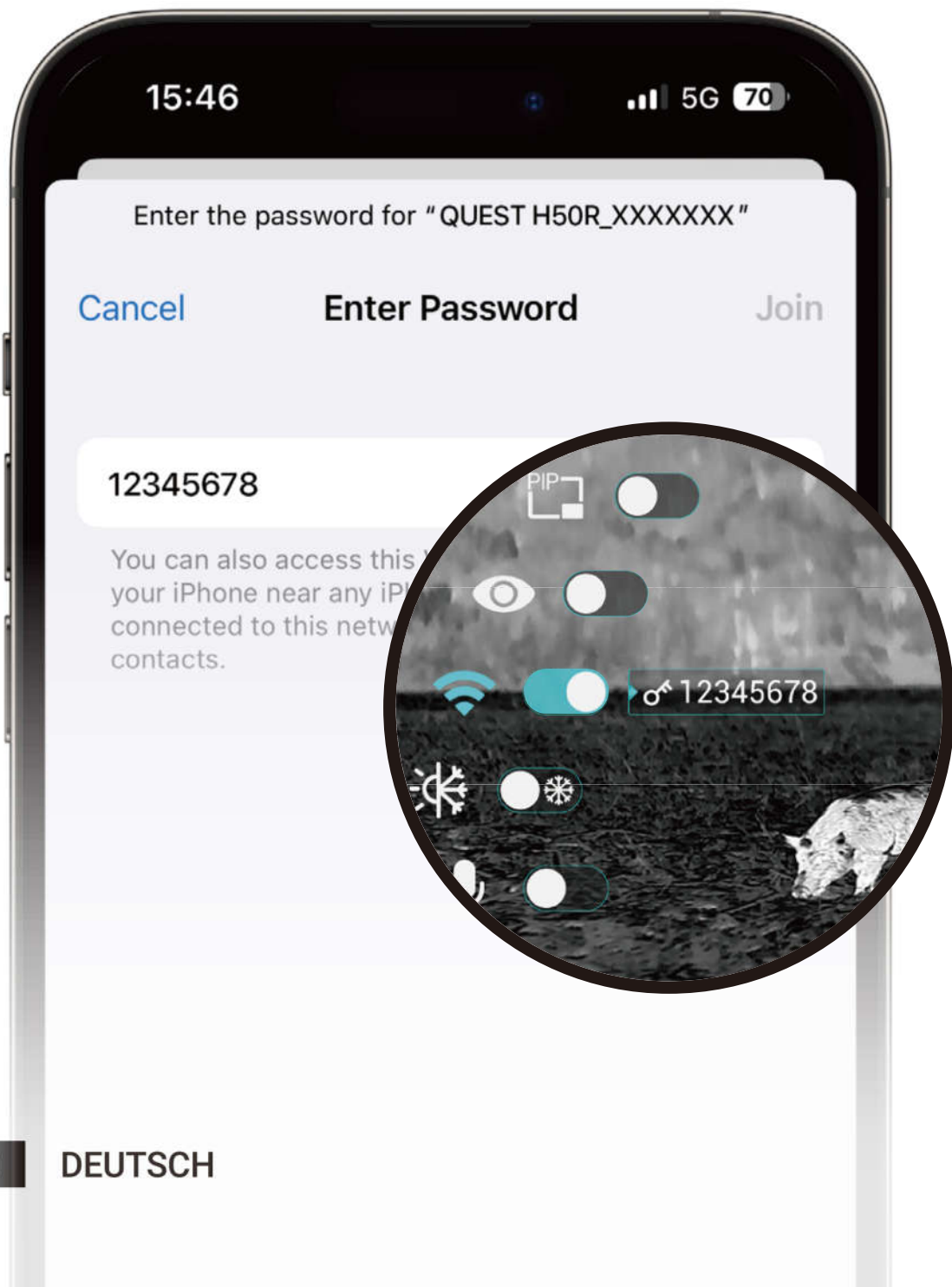
# Hauptmenü

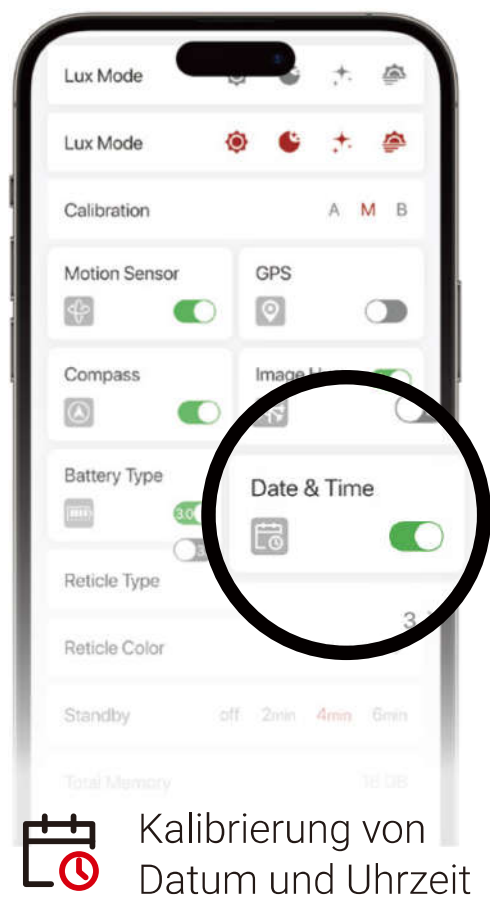
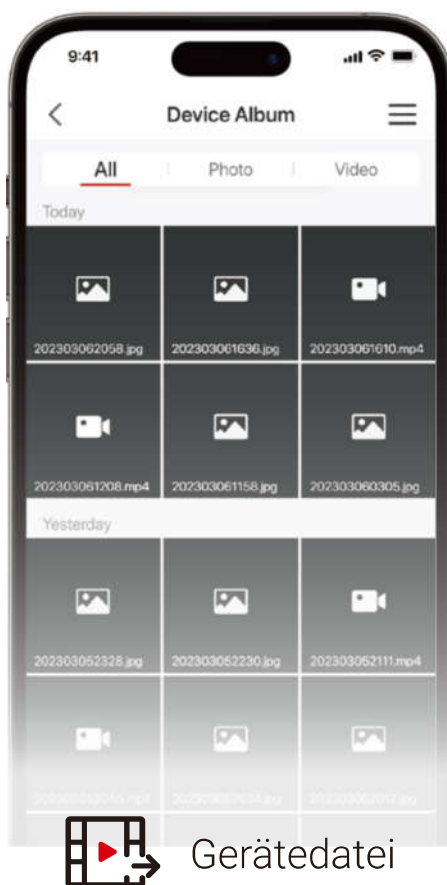
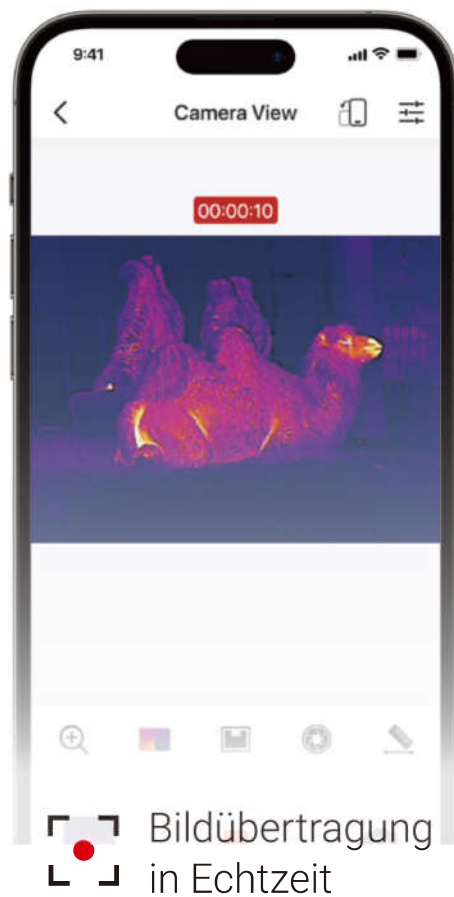
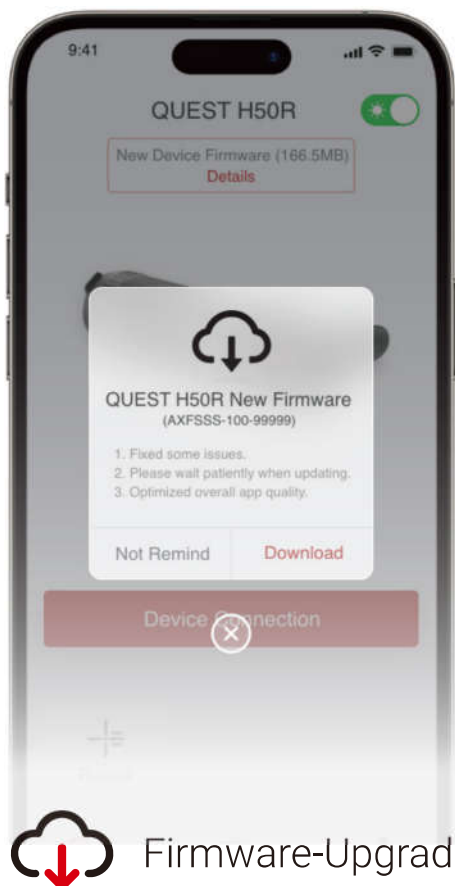




# | App







# Spezifikationen

| Modell                                                            | QUEST H50R                                                    | QUEST H35R    |
|-------------------------------------------------------------------|---------------------------------------------------------------|---------------|
| Auflösung, Pixel                                                  | 640×512, 12µm                                                 |               |
| NETD, mK                                                          | ≤20                                                           |               |
| Bildfrequenz, Hz                                                  | 60                                                            |               |
| Objektivlinse, mm                                                 | 50 F1.1                                                       | 35 F0.9       |
| Sichtfeld (H × V), °/m bei 100 m                                  | 8.8×7.0/15×12                                                 | 12.5×10/22×18 |
| Vergrößerung, ×                                                   | 4~32                                                          | 3~24          |
| Detektionsreichweite, m<br>(Zielgröße: 1,7 m × 0,5 m, P(n) = 99%) | 2600                                                          | 1800          |
| Austrittspupille, mm                                              | 25                                                            |               |
| Durchmesser der Austrittspupille, mm                              | 10                                                            |               |
| Dioptrie, D                                                       | ±5                                                            |               |
| Display                                                           | AMOLED 1920×1200                                              |               |
| Batterie                                                          | Eingebaute Batterie/4200mAh+<br>auswechselbare 18650-Batterie |               |
| Max. Betriebsdauer (t=22°C), h                                    | 7                                                             |               |
| Laser-Sicherheitsklasse                                           | Class 1                                                       |               |
| LRF, m                                                            | 800                                                           |               |
| Mikrofon                                                          | Unterstützt                                                   |               |
| Speicherkapazität, GB                                             | 64                                                            |               |
| IP-Schutzart                                                      | IP67                                                          |               |
| Betriebstemperatur, °C                                            | -20 ~ +55                                                     |               |
| Gewicht, g<br>(ohne austauschbare Batterie)                       | <700                                                          | <700          |
| Abmessungen, mm                                                   | ≤160×137×60                                                   | ≤160×137×60   |

| Modell                                                            | QUEST L35R                                                    |
|-------------------------------------------------------------------|---------------------------------------------------------------|
| Auflösung, Pixel                                                  | 384×288, 12µm                                                 |
| NETD, mK                                                          | ≤20                                                           |
| Bildfrequenz, Hz                                                  | 60                                                            |
| Objektivlinse, mm                                                 | 35 F0.9                                                       |
| Sichtfeld (H × V), °/m bei 100 m                                  | 7.5×5.7/13×10                                                 |
| Vergrößerung, ×                                                   | 5~40                                                          |
| Detektionsreichweite, m<br>(Zielgröße: 1,7 m × 0,5 m, P(n) = 99%) | 1800                                                          |
| Austrittspupille, mm                                              | 25                                                            |
| Durchmesser der Austrittspupille, mm                              | 10                                                            |
| Dioptrie, D                                                       | ±5                                                            |
| Display                                                           | AMOLED 1920×1200                                              |
| Batterie                                                          | Eingebaute Batterie/4200mAh+<br>auswechselbare 18650-Batterie |
| Max. Betriebsdauer (t=22°C), h                                    | 7                                                             |
| Laser-Sicherheitsklasse                                           | Class 1                                                       |
| LRF, m                                                            | 800                                                           |
| Mikrofon                                                          | Unterstützt                                                   |
| Speicherkapazität, GB                                             | 64                                                            |
| IP-Schutzart                                                      | IP67                                                          |
| Betriebstemperatur, °C                                            | -20 ~ +55                                                     |
| Gewicht, g<br>(ohne austauschbare Batterie)                       | <700                                                          |
| Abmessungen, mm                                                   | ≤160×137×60                                                   |

## | Weitere Informationen



Webseite:  
[www.nocpix.com](http://www.nocpix.com)

Benutzerhandbuch



Facebook

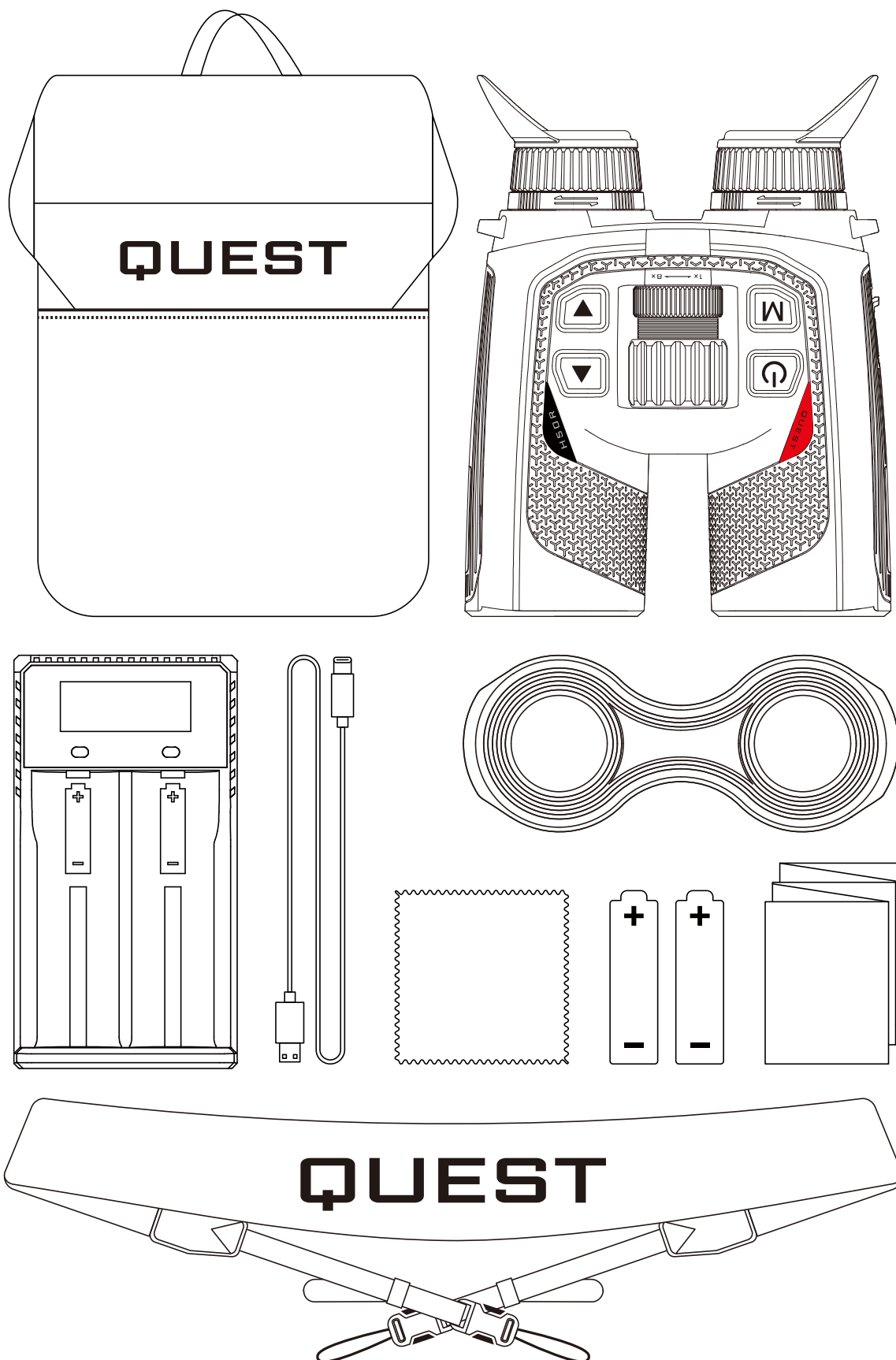


Instagram

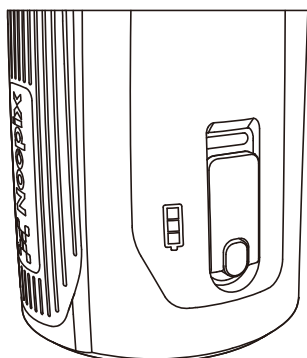


YouTube

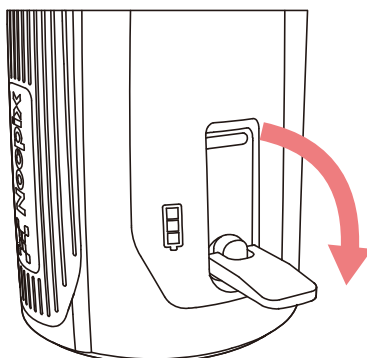
# Accessori



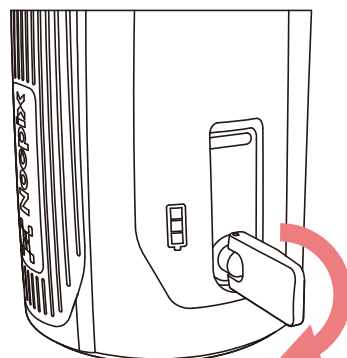
# Batterie



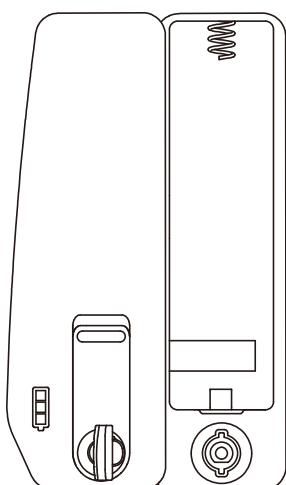
1



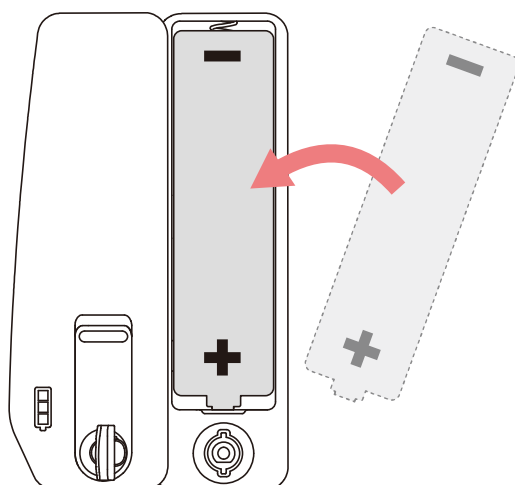
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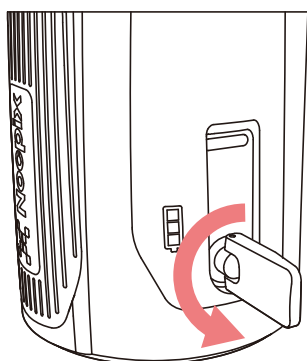
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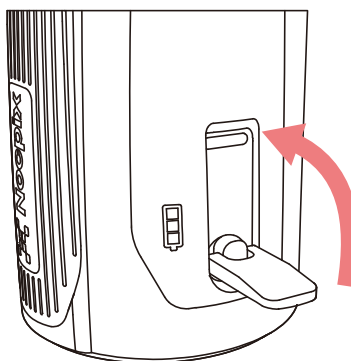
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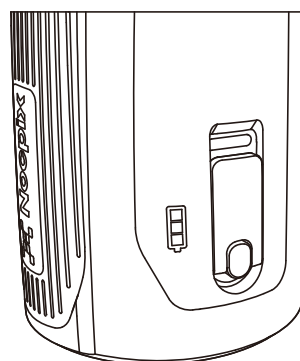
5



6



2



8

# Descrizioni dei pulsanti

