



## Quick Start Guide V2.0

**LUMI** | Thermal Imaging  
Monocular

LUMI H35R / LUMI L35R / LUMI H35 / LUMI L35  
LUMI L19 / LUMI P13



**EN**

**Please read this guide 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**

**Bevor Sie das Produkt benutzen, lesen Sie bitte diese Anleitung sorgfältig durch und bewahren Sie sie zum späteren Nachschlagen gut auf.**

Detaillierte Informationen über das Gerät finden Sie im vollständigen Benutzerhandbuch, das auf der offiziellen Website heruntergeladen werden kann.  
([www.nocpix.com](http://www.nocpix.com))

**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**

**Veillez consulter ce manuel 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 esta guía antes de usar el producto y conserve la guía para referencia futura.**

Para obtener información detallada sobre el dispositivo, por favor descargue el manual de usuario completo desde el 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 LUMI 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 LUMI series thermal imaging scope need to install one 18650 battery for use. Refer to the section Battery Installation for details.

**FCC Statement**

FCC ID: 2BHFB-LUMI-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.

This device complies with RF exposure requirements for general population exposure conditions.

**Laser Warning**  
LUMI H35R/LUMI L35R**LASER APERTURE**

# LUMI

Quick Start Guide



**EN**

Thermal imaging monocular

1-13

**DE**

Wärmebild-Monokularfernrohr

14-26

**IT**

Monocolo per immagini termiche

27-39

**FR**

Monoculaire d'imagerie thermique

40-52

**ES**

Monocular de imagen térmica

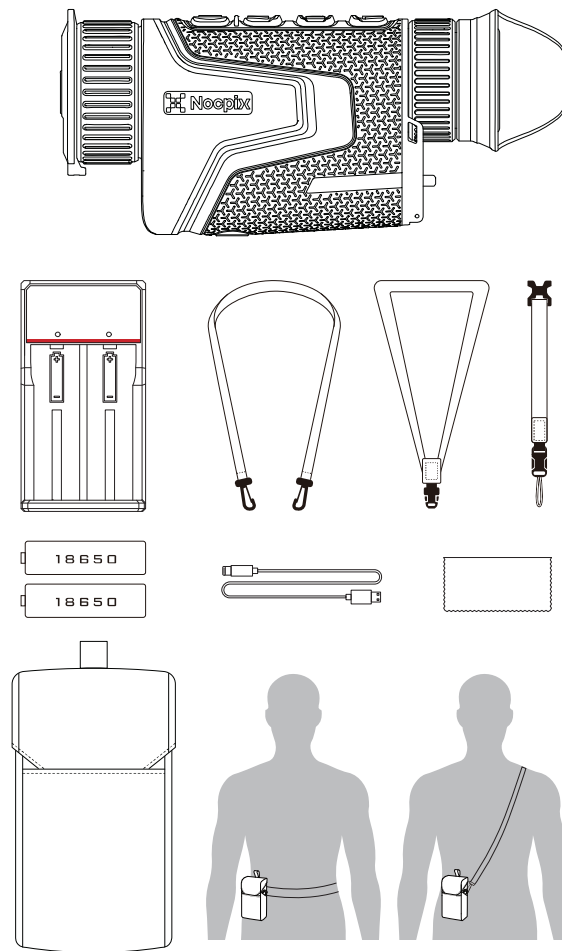
53-65



RoHS

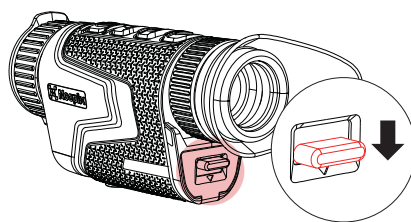


## Accessories

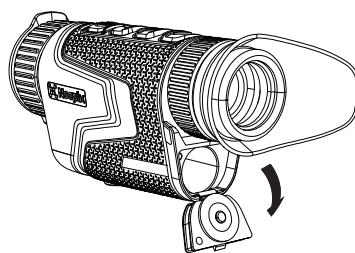


## Battery Install

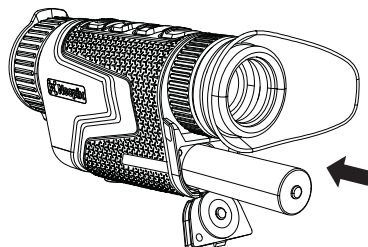
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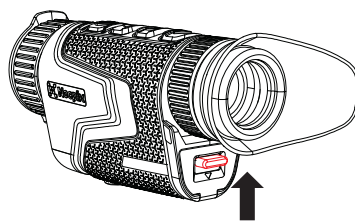
2



3

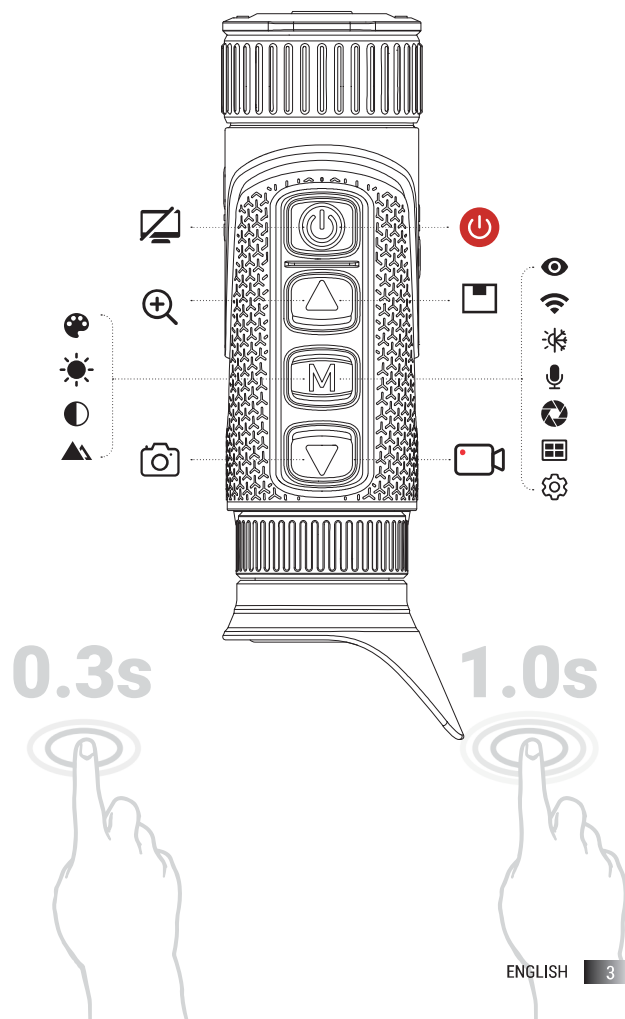


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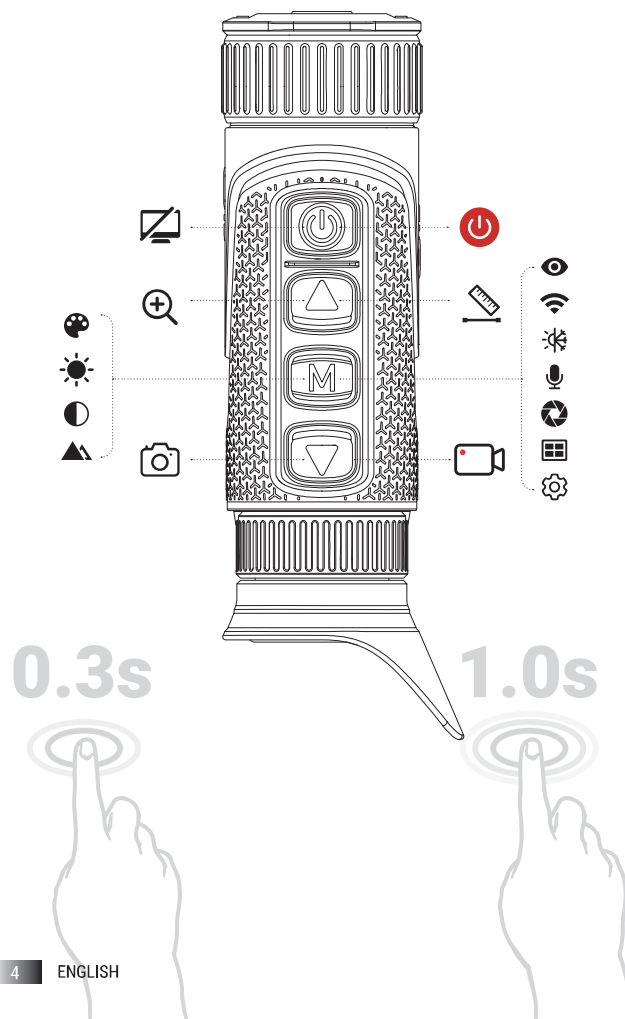
## Button Descriptions

LUMI H35/LUMI L35/LUMI L19/LUMI P13



## Button Descriptions

LUMI H35R/LUMI L35R



# | Button Descriptions

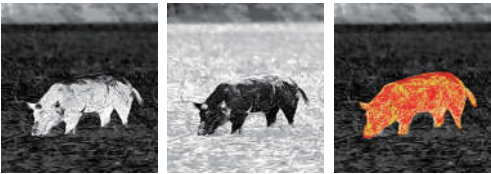


LUMI H35 / LUMI L35  
LUMI L19 / LUMI P13

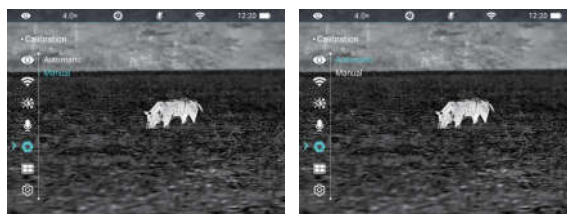
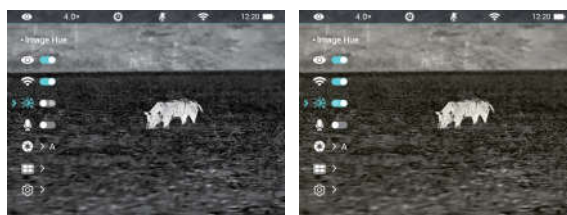
LUMI H35R / LUMI L35R



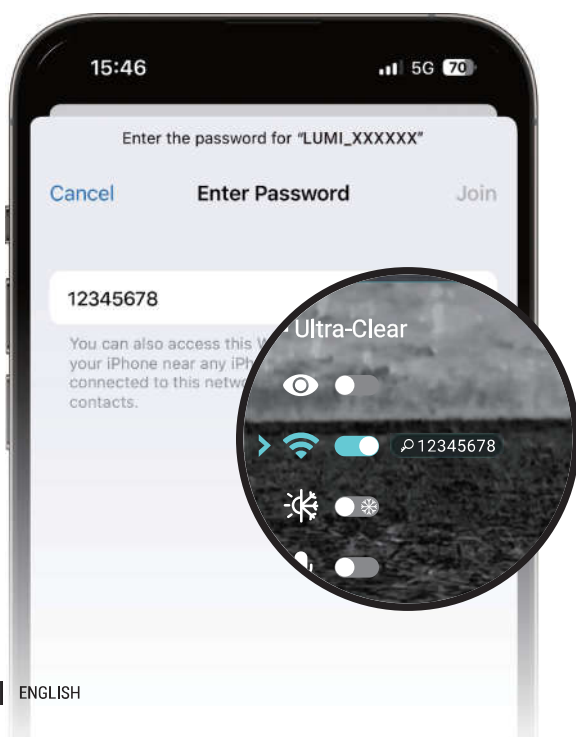
**| Shortcut Menu**



## Main Menu



## | App







 Firmware upgrade




 Real-time image transmission



 Device file



 Date & Time calibration

## Specifications

Model	LUMI H35R	LUMI L35R
Thermal Sensor, Pixels	640×512,12μm	384×288,12μm
NETD, mK	≤18	≤18
Frame rate, Hz	50	50
Objective lens, mm	35 F0.9	35 F0.9
Field of view(H×V), °/m@100m	12.5×9.4/22×16	7.5×5.7/13×10
Magnification, ×	2.5~20	4~16
Detective range, m (Target size: 1.7m × 0.5m, P(n)=99%)	1800	1800
Exit relief, mm	25	
Exit pupil diameter, mm	10	
Diopter, D	-5 ~ +5	
Display	AMOLED 1024×768	
Battery	Replaceable li-ion battery 18650	
Max. operation time, (t=22°C) h	4.5	4.5
Safety class for laser	Class 1	
Max.Rangefinder distance, m	800	
MIC	Support	
Memory capacity, GB	32	
IP rating	IP67	
Operating temperature, °C	-20 ~ +50	
Weight, g (with battery)	385	375
Dimension, mm	147×47×74	147×47×74

## Specifications

Model	LUMI H35	LUMI L35
Thermal Sensor, Pixels	640×512,12μm	384×288,12μm
NETD, mK	≤18	≤18
Frame rate, Hz	50	50
Objective lens, mm	35 F0.9	35 F0.9
Field of view(H×V), °/m@100m	12.5×9.4/22×16	7.5×5.7/13×10
Magnification, ×	2.5~20	4~16
Detective range, m (Target size: 1.7m × 0.5m, P(n)=99%)	1800	1800
Exit relief, mm	25	
Exit pupil diameter, mm	10	
Diopter, D	-5 ~ +5	
Display	AMOLED 1024×768	
Battery	Replaceable Li-ion battery 18650	
Max. operation time, (t=22°C) h	4.5	4.5
MIC	Support	
Memory capacity, GB	32	
IP rating	IP67	
Operating temperature, °C	-20 ~ +50	
Weight, g (with battery)	345	335
Dimension, mm	143×47×74	143×47×74

## Specifications

Model	LUMI L19	LUMI P13
Thermal Sensor, Pixels	384×288,12μm	256×192,12μm
NETD, mK	≤18	≤20
Frame rate, Hz	50	50
Objective lens, mm	19 F0.9	13 F0.9
Field of view(H×V),°/m@100m	13.8×10.4/24×18	13.5×10.1/24×18
Magnification, ×	2~8	2~8
Detective range, m (Target size: 1.7m × 0.5m, P(n)=99%)	980	670
Exit relief, mm	25	
Exit pupil diameter, mm	10	
Diopter, D	-5 ~ +5	
Display	AMOLED 1024×768	
Battery	Replaceable Li-ion battery 18650	
Max. operation time, (t=22°C) h	4.5	6
MIC	Support	
Memory capacity, GB	32	
IP rating	IP67	
Operating temperature, °C	-20 ~ +50	
Weight, g (with battery)	335	310
Dimension, mm	139×47×74	134×47×74

## **| Get More Information**



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



User manual



Facebook

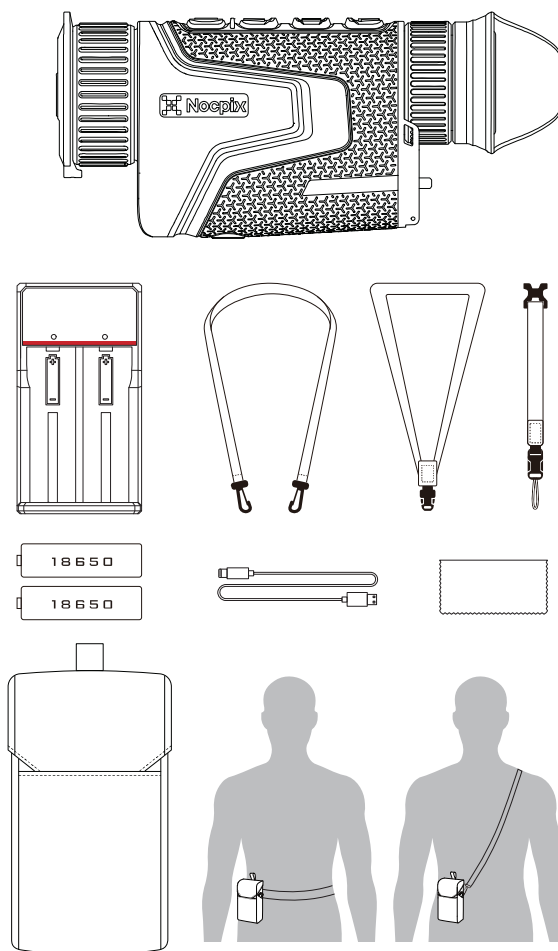


Instagram

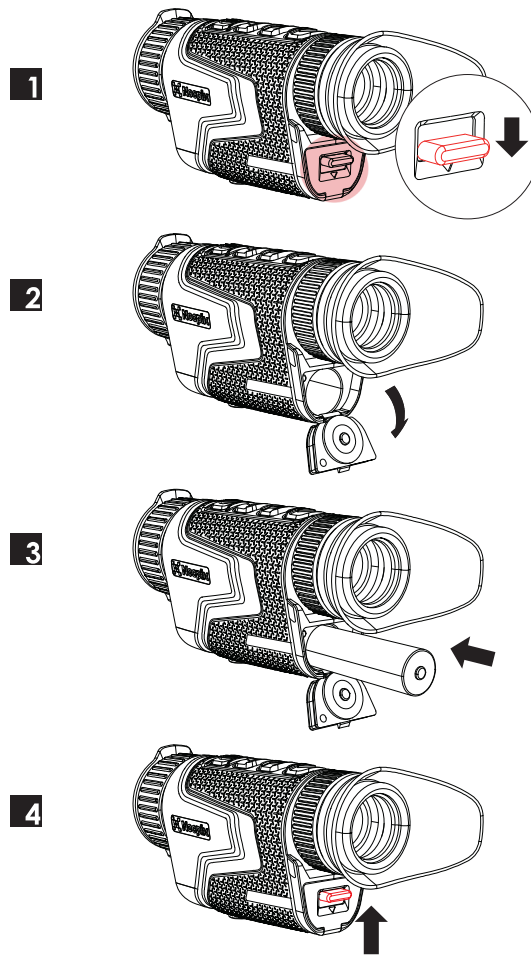


YouTube

## Zubehör

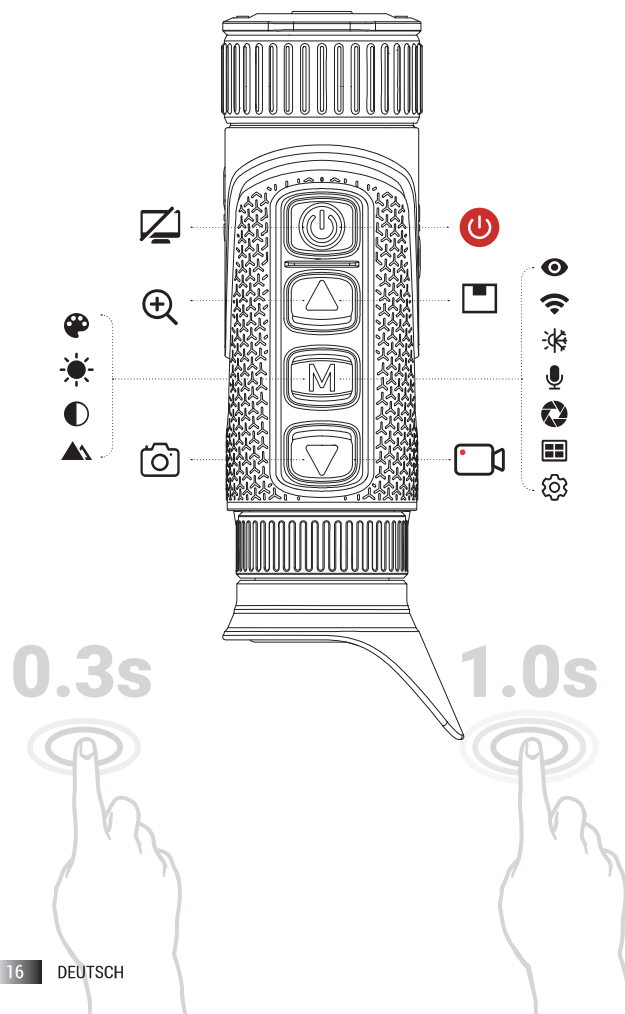


## Batterie installieren



## Schlüsselbeschreibung

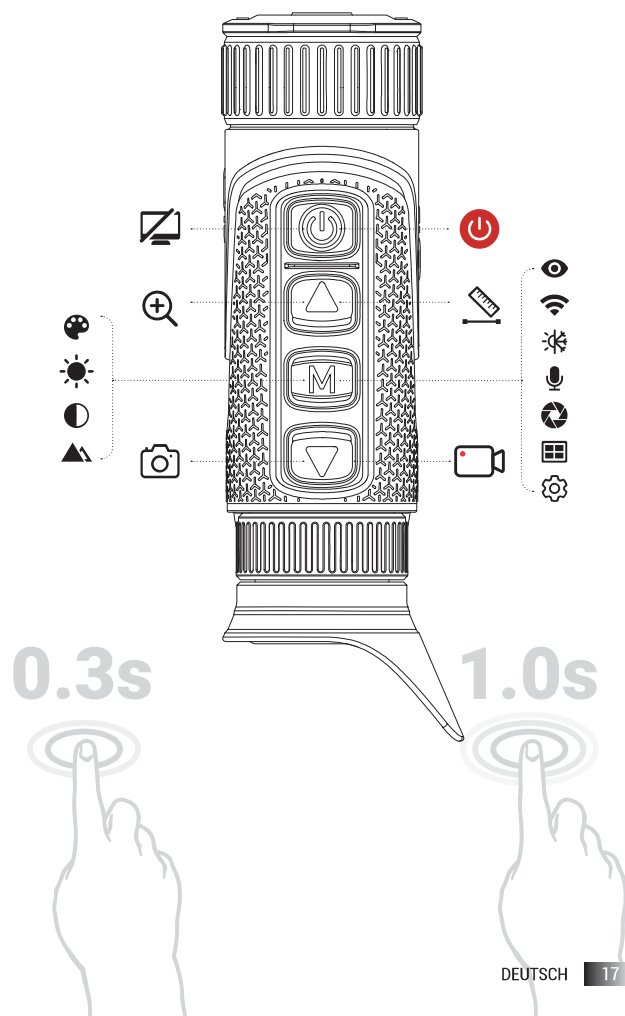
LUMI H35/LUMI L35/LUMI L19/LUMI P13



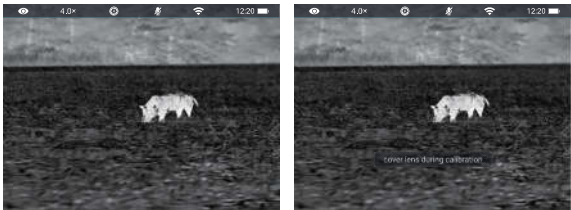


## Schlüsselbeschreibung

LUMI H35R/LUMI L35R



# Schlüsselbeschreibung



LUMI H35 / LUMI L35  
LUMI L19 / LUMI P13



LUMI H35R / LUMI L35R



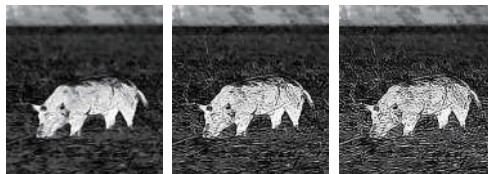
## Kontextmenü



1 5 10

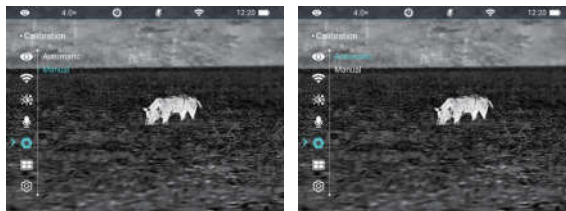
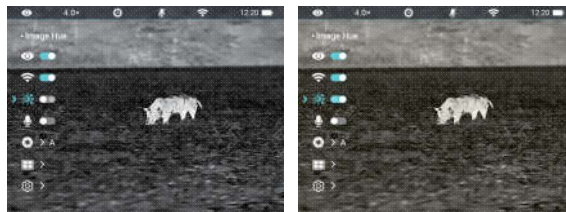


1 5 10



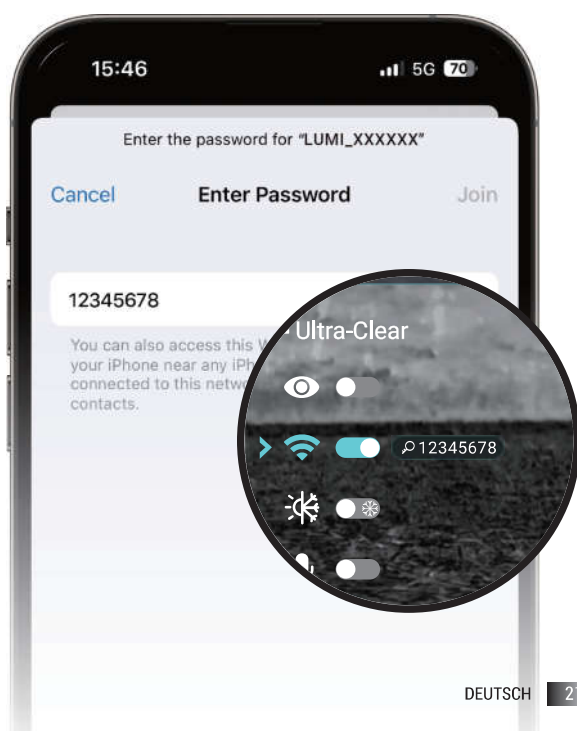
1 5 10

## Hauptmenü



**Manual**  **Automatic**


## App





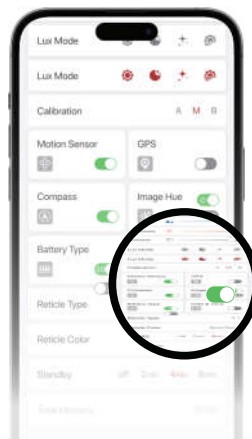
 Firmware Upgrade




 Bildübertragung in Echtzeit



 Gerätedatei



 Kalibrierung von Datum und Uhrzeit

## Spezifikationen

Model	LUMI H35R	LUMI L35R
Wärmesensor, Pixels	640×512,12µm	384×288,12µm
NETD, mK	≤18	≤18
Bildrate, Hz	50	50
Objektivlinse, mm	35 F0.9	35 F0.9
Sichtfeld, °/m bei 100m	12.5×9.4/22×16	7.5×5.7/13×10
Vergrößerung, x	2.5~20	4~16
Detektionsbereich, m (Zielgröße: 1.7m×0.5m, P(n)=99%)	1800	1800
Abstand der Austrittspupille, mm	25	
Durchmesser der Austrittspupille, mm	10	
Dioptrien, D	-5 ~ +5	
Display	AMOLED 1024×768	
Batterietyp	Austauschbarer Li-Ion 18650	
Max. Batterielebensdauer (t=22 °C), h	4.5	4.5
Sicherheitsklasse für Laser	Class 1	
Max. Entfernung des Entfernungsmessers, m	800	
Mikrofon	Unterstützt	
Eingebaute Speichergröße, GB	32	
IP-Bewertung	IP67	
Betriebstemperatur, °C	-20 ~ +50	
Gewicht, g (mit Batterie)	385	375
Abmessung, mm	147×47×74	147×47×74

## Spezifikationen

Model	LUMI H35	LUMI L35
Wärmesensor, Pixels	640×512,12µm	384×288,12µm
NETD, mK	≤18	≤18
Bildrate, Hz	50	50
Objektivlinse, mm	35 F0.9	35 F0.9
Sichtfeld, °/m bei 100m	12.5×9.4/22×16	7.5×5.7/13×10
Vergrößerung, x	2.5~20	4~16
Detektionsbereich, m (Zielgröße: 1.7m×0.5m, P(n)=99%)	1800	1800
Abstand der Austrittspupille, mm	25	
Durchmesser der Austrittspupille, mm	10	
Dioptrien, D	-5 ~ +5	
Display	AMOLED 1024×768	
Batterietyp	Austauschbarer Li-Ion 18650	
Max. Batterie Lebensdauer (t=22 °C), h	4.5	4.5
Mikrofon	Unterstützt	
Eingebaute Speichergröße, GB	32	
IP-Bewertung	IP67	
Betriebstemperatur, °C	-20 ~ +50	
Gewicht, g (mit Batterie)	345	335
Abmessung, mm	143×47×74	143×47×74



## Spezifikationen

Model	LUMI L19	LUMI P13
Wärmesensor, Pixels	384×288,12µm	256×192,12µm
NETD, mK	≤18	≤20
Bildrate, Hz	50	50
Objektivlinse, mm	19 F0.9	13 F0.9
Sichtfeld, °/m bei 100m	13.8×10.4/24×18	13.5×10.1/24×18
Vergrößerung, x	2~8	2~8
Detektionsbereich, m (Zielgröße: 1.7m×0.5m, P(n)=99%)	980	670
Abstand der Austrittspupille, mm	25	
Durchmesser der Austrittspupille, mm	10	
Dioptrien, D	-5 ~ +5	
Display	AMOLED 1024×768	
Batterietyp	Austauschbarer Li-Ion 18650	
Max. Batterie Lebensdauer (t=22 °C), h	4.5	6
Mikrofon	Unterstützt	
Eingebaute Speichergröße, GB	32	
IP-Bewertung	IP67	
Betriebstemperatur, °C	-20 ~ +50	
Gewicht, g (mit Batterie)	335	310
Abmessung, mm	139×47×74	134×47×74

## **| Mehr Informationen bekommen**



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



Benutzerhandbuch



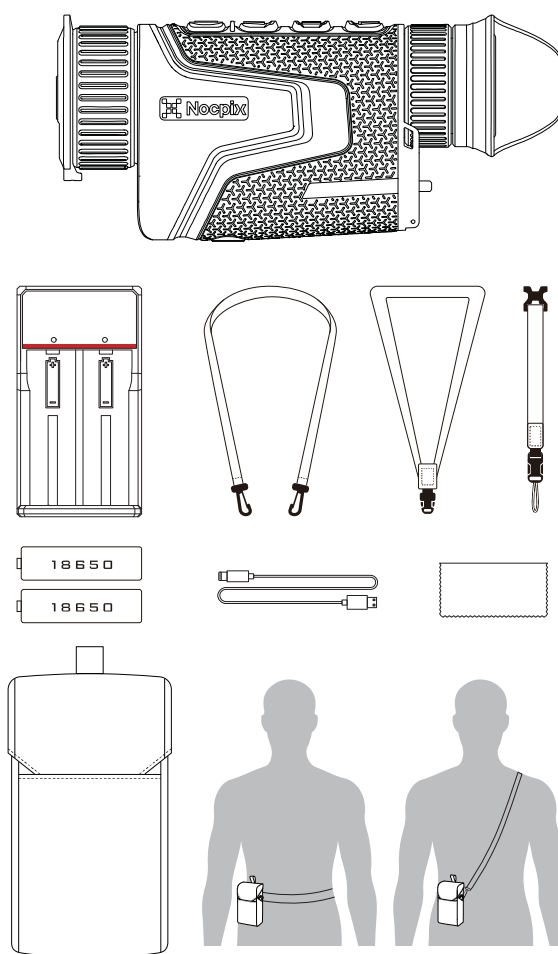
Facebook



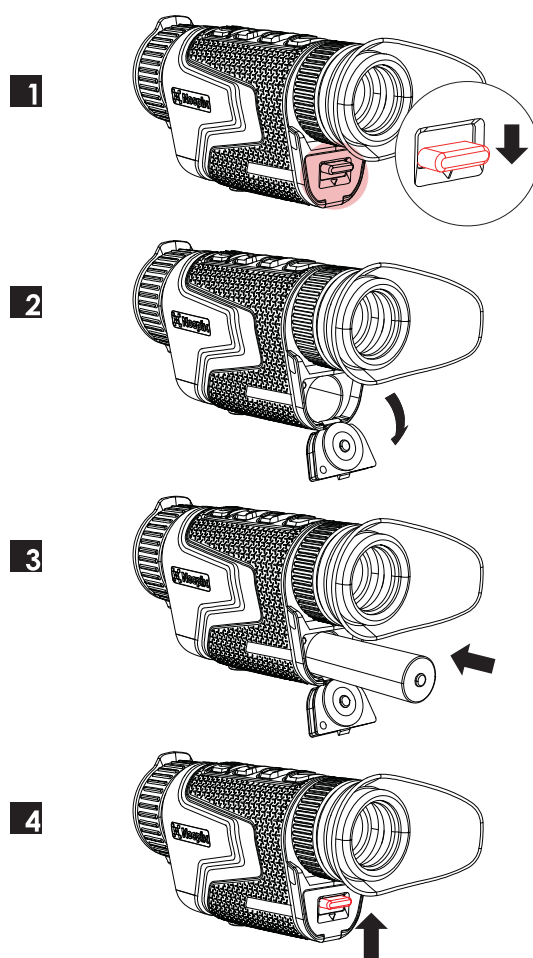
Instagram



YouTube

**Accessori**

## **|** Installazione della batteria



## Descrizioni dei pulsanti

LUMI H35/LUMI L35/LUMI L19/LUMI P13

