



Quick Start Guide

V1.1

LUMI | Thermal Imaging
Monocular

LUMI P13 / LUMI L19 / LUMI L35 / LUMI H35

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)

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)

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)

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)

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)

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.

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.

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.

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.

LUMI

Quick Start Guide



EN

Thermal imaging monocular

1-11

DE

Wärmebild-Monokularfernrohr

12-22

IT

Monocolo per immagini termiche

23-33

FR

Monoculaire d'imagerie thermique

34-44

ES

Monocular de imagen térmica

45-55

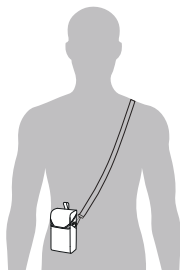
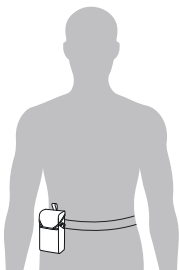
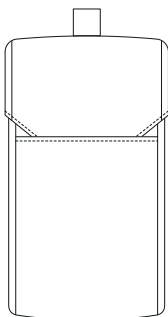
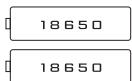
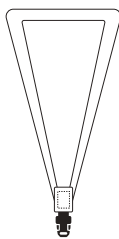
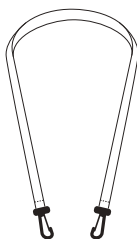
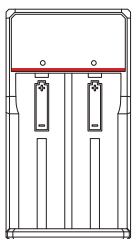
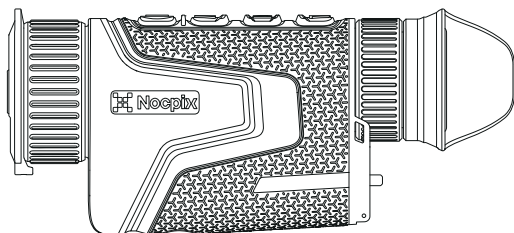


CE



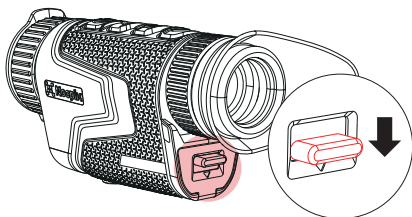
RoHS

Accessories

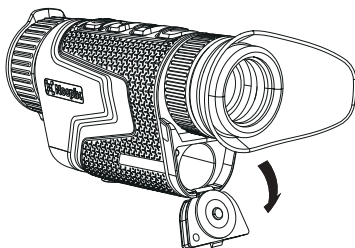


Battery Install

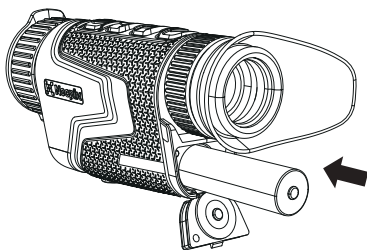
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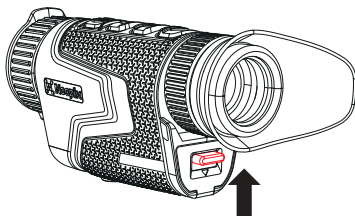
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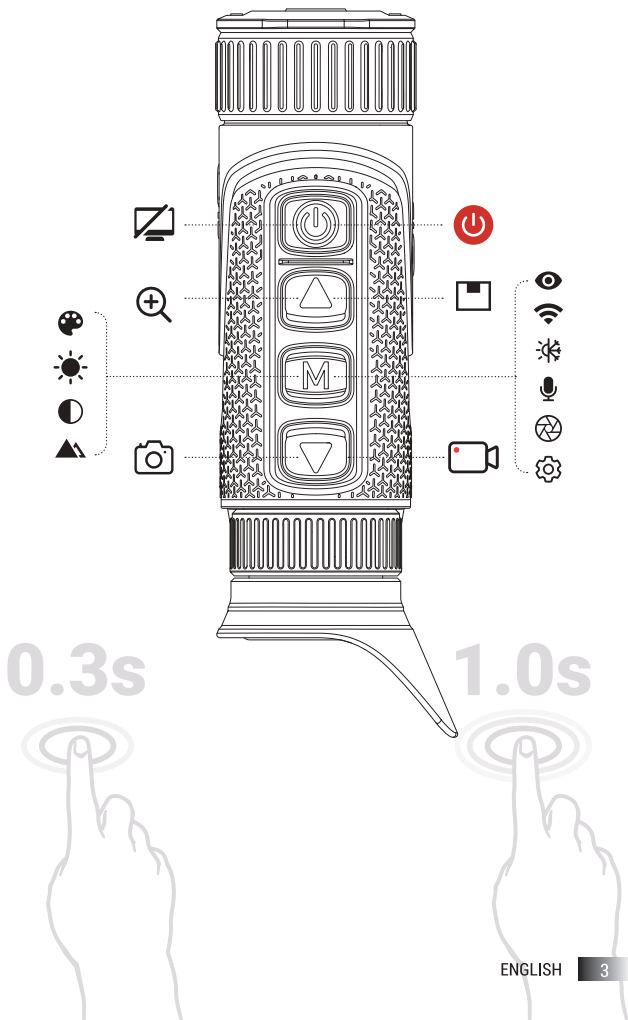
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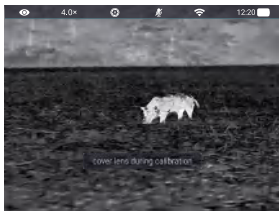
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Button Descriptions



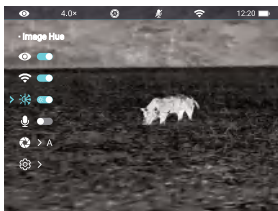
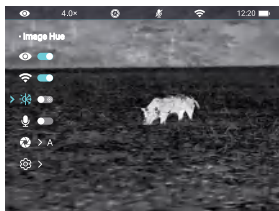
Button Descriptions



Shortcut Menu



Main Menu

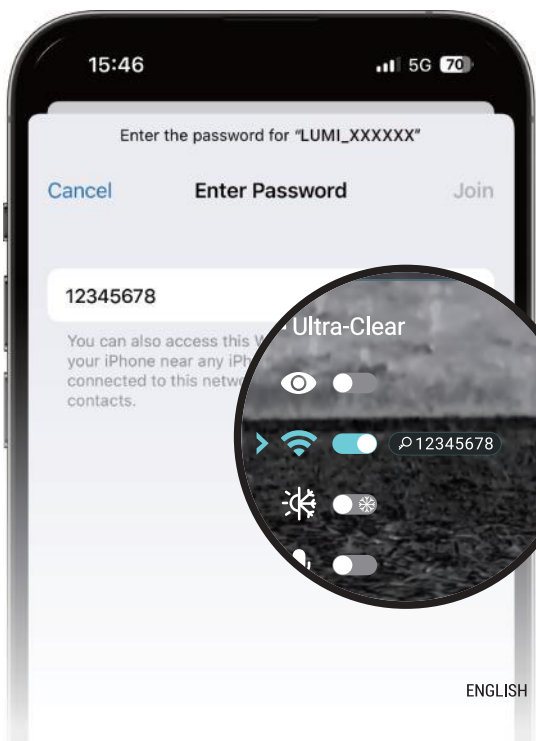


Manual



Automatic

| App

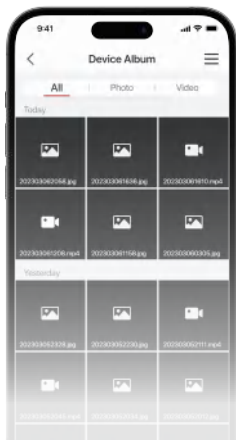




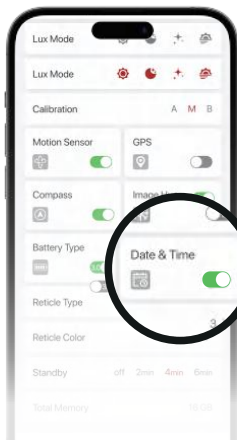
 Firmware upgrade




 Real-time image transmission



 Device file



 Date & Time calibration

Specifications

Model	LUMI P13	LUMI L19
Thermal Sensor, Pixels	256×192,12μm	384×288,12μm
NETD, mK	≤20	≤18
Frame rate, Hz	50	50
Objective lens, mm	13 F0.9	19 F0.9
Field of view(H×V),°/m@100m	13.5×10.1/24×18	13.8×10.4/24×18
Magnification, ×	2~8	2~8
Detective range, m (Target size: 1.7m × 0.5m, P(n)=99%)	670	980
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	6	4.5
MIC	Support	
Memory capacity, GB	32	
IP rating	IP67	
Operating temperature, °C	-20 ~ +50	
Weight, g (with battery)	310	335
Dimension, mm	134×47×74	139×47×74

Specifications

Model	LUMI L35	LUMI H35
Thermal Sensor, Pixels	384×288,12μm	640×512,12μm
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	7.5×5.7/13×10	12.5×9.4/22×16
Magnification, ×	4~16	2.5~20
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)	335	345
Dimension, mm	143×47×74	143×47×74

Get More Information



Website:
www.nocpix.com



User manual



Facebook

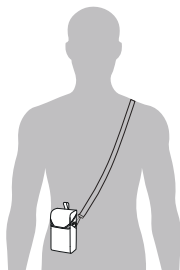
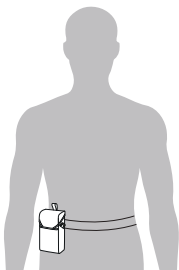
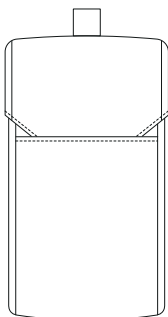
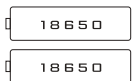
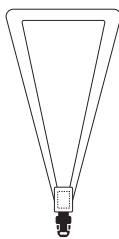
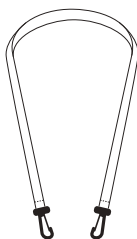
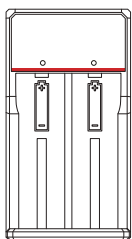
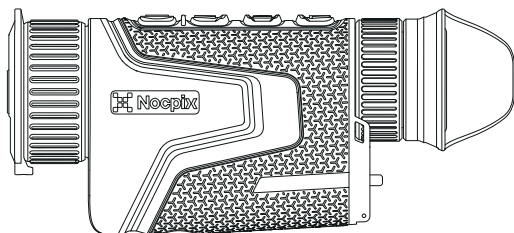


Instagram



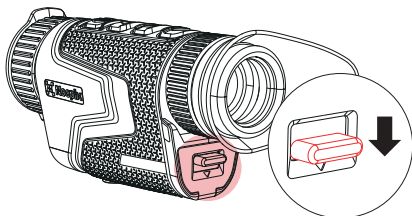
YouTube

Zubehör

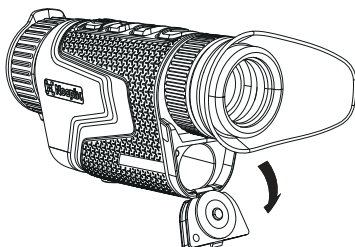


Batterie installieren

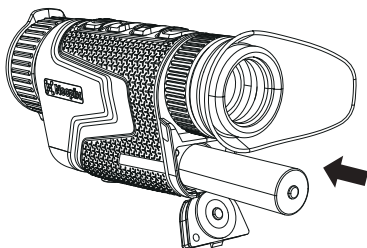
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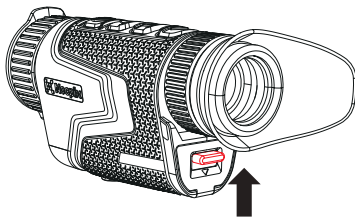
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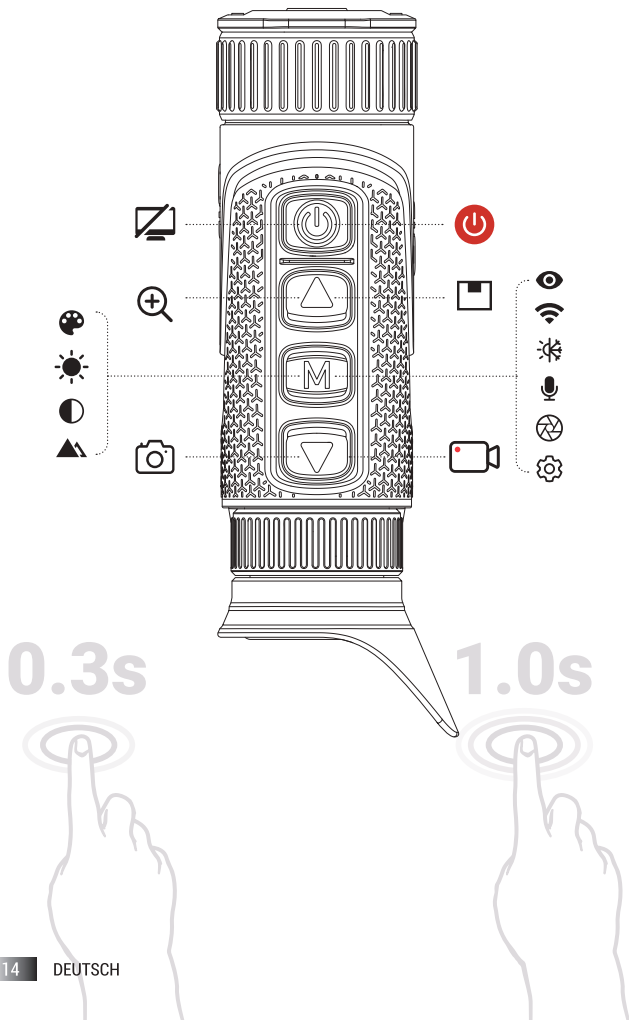
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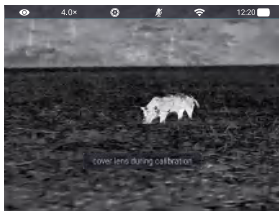
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| Schlüsselbeschreibung



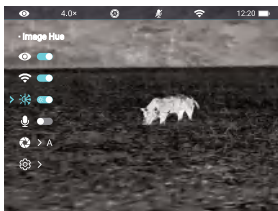
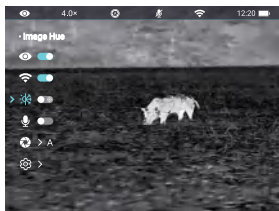
Schlüsselbeschreibung



Kontextmenü



Hauptmenü

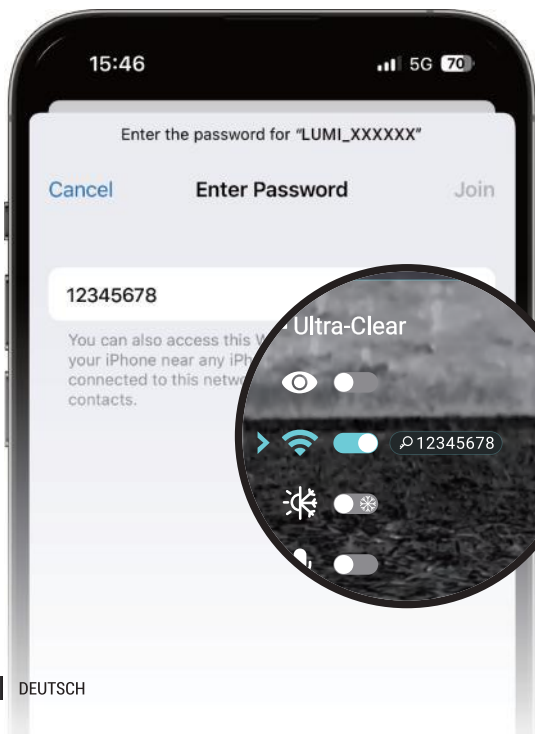


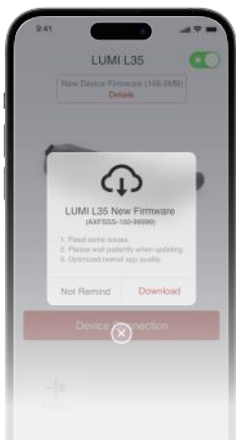
Manuell



Automatisch

| App

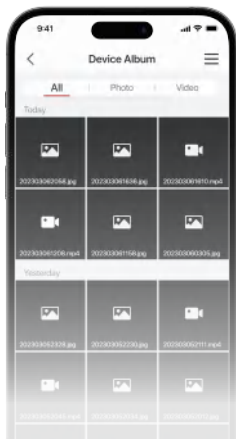




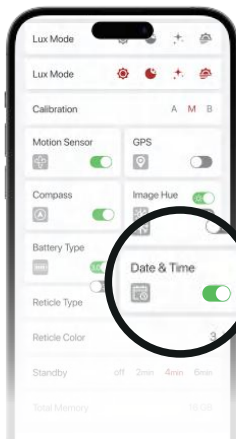
Firmware Upgrade



Bildübertragung
in Echtzeit



Gerätefile



Kalibrierung von
Datum und Uhrzeit

Spezifikationen

Model	LUMI P13	LUMI L19
Wärmesensor, Pixels	256×192,12µm	384×288,12µm
NETD, mK	≤20	≤18
Bildrate, Hz	50	50
Objektivlinse, mm	13 F0.9	19 F0.9
Sichtfeld, °/m bei100m	13.5×10.1/24×18	13.8×10.4/24×18
Vergrößerung,x	2~8	2~8
Detektionsbereich,m (Zielgröße: 1.7m×0.5m,P(n)=99%)	670	980
Abstand derAustrittspupille,mm	25	
Durchmesser derAustrittspupille, mm	10	
Dioptrien, D	-5 ~ +5	
Display	AMOLED 1024×768	
Batterietyp	Austauschbarer Li-Ion 18650	
Max.Batterielebensdauer(t=22 °C),h	6	4.5
Mikrofon	Unterstützt	
Eingebaute Speichergröße, GB	32	
IP-Bewertung	IP67	
Betriebstemperatur,°C	-20 ~ +50	
Gewicht, g (mit Batterie)	310	335
Abmessung, mm	134×47×74	139×47×74

Spezifikationen

Model	LUMI L35	LUMI H35
Wärmesensor, Pixels	384×288,12µm	640×512,12µm
NETD, mK	≤18	≤18
Bildrate, Hz	50	50
Objektivlinse, mm	35 F0.9	35 F0.9
Sichtfeld, °/m bei100m	7.5×5.7/13×10	12.5×9.4/22×16
Vergrößerung,x	4~16	2.5~20
Detektionsbereich,m (Zielgröße: 1.7m×0.5m,P(n)=99%)	1800	1800
Abstand derAustrittspupille,mm	25	
Durchmesser derAustrittspupille, 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
Mikrofon	Unterstützt	
Eingebaute Speichergröße, GB	32	
IP-Bewertung	IP67	
Betriebstemperatur,°C	-20 ~ +50	
Gewicht, g (mit Batterie)	335	345
Abmessung, mm	143×47×74	143×47×74

Mehr Informationen bekommen



Webseite:
www.nocpix.com



Benutzerhandbuch



Facebook

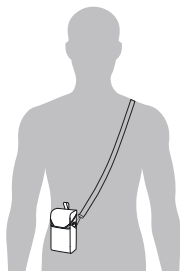
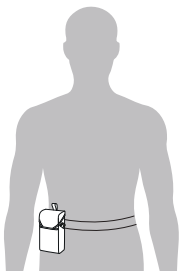
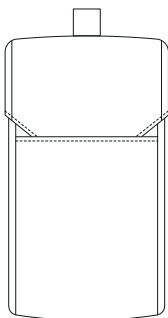
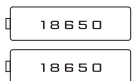
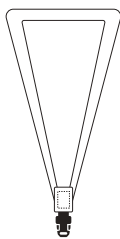
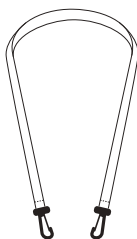
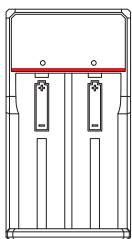
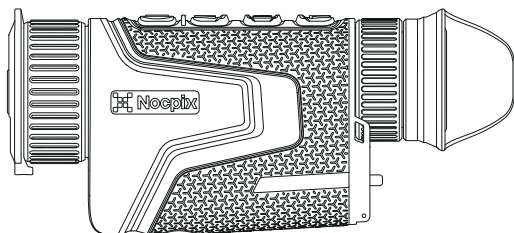


Instagram



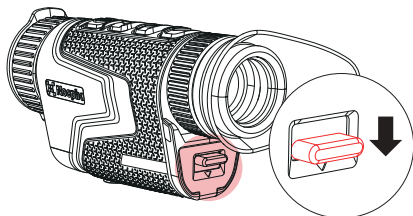
YouTube

Accessori

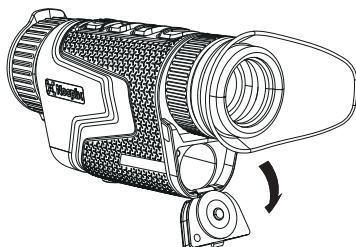


Installazione della batteria

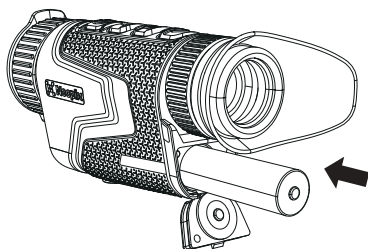
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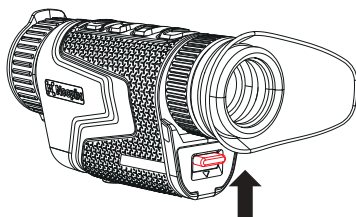
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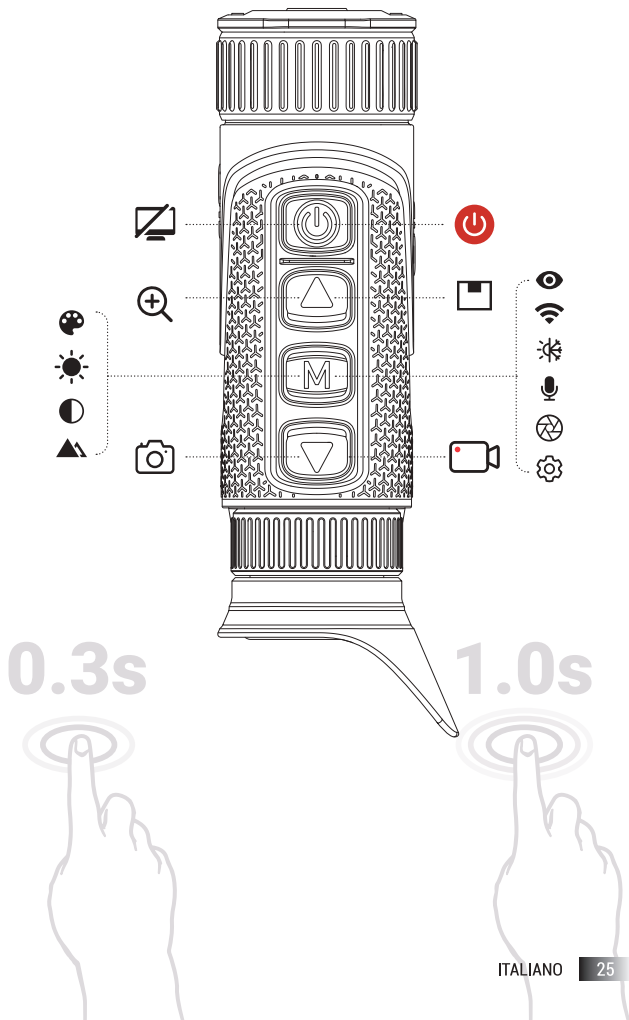
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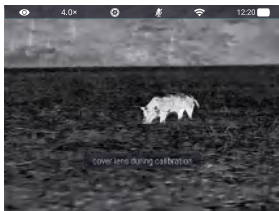
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Descrizioni dei pulsanti



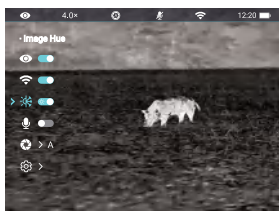
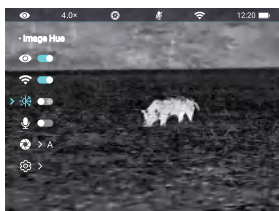
Descrizioni dei pulsanti



Menu di scelta rapida



Menu principale

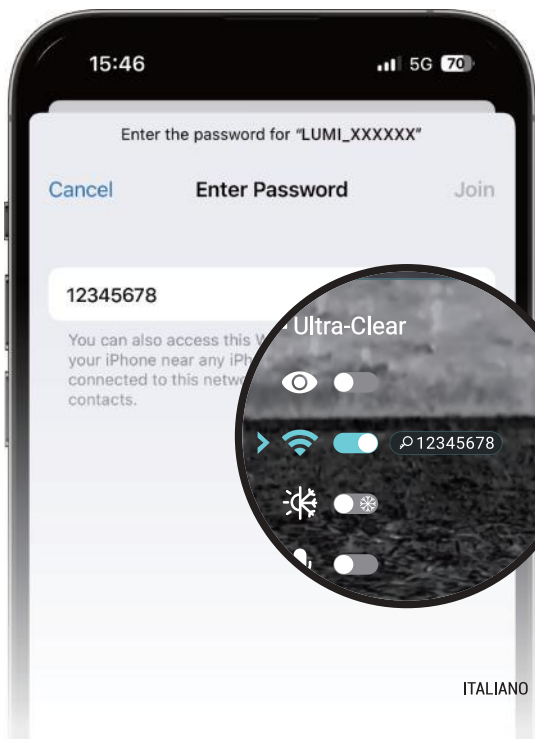


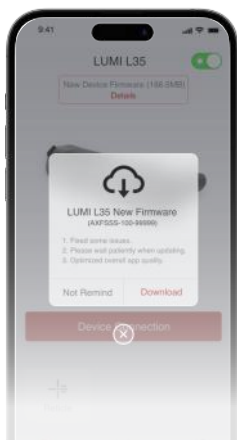
Manuale



Automatica

| App

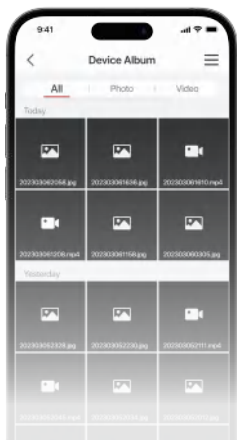




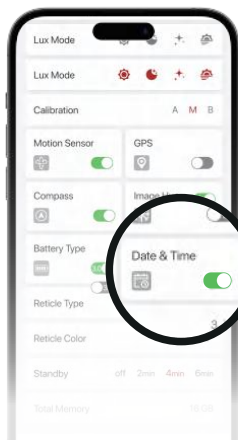
Aggiornamento
del firmware



Trasmissione delle
immagini in tempo
reale



File del
dispositivo



Calibrazione di
data e ora

Specifiche

Model	LUMI P13	LUMI L19
Sensore termico, Pixels	256×192,12μm	384×288,12μm
NETD, mK	≤20	≤18
Frequenza deifotogrammi, Hz	50	50
Lente dell'obiettivo, MM	13 F0.9	19 F0.9
Campo visivo,°/ m a 100 m	13.5×10.1/24×18	13.8×10.4/24×18
Ingrandimento,x	2~8	2~8
Campo di Rilevamento,m (Dimensione delbersaglio: 1.7 m x 0.5m, P(n)= 99%)	670	980
Distanza interoculare, mm	25	
Diametro della Pupilla d'uscita, mm	10	
Diottria, D	-5 ~ +5	
Display	AMOLED 1024×768	
Batteria	Ioni di litio sostituibili 18650	
Durata della batteriamassima (t=22°C),h	6	4.5
microfono	Supporta	
Quantità di memoriaincorporata, GB	32	
Grado di protezione IP	IP67	
Temperatura diFunzionamento,°C	-20 ~ +50	
Peso, g (con batteria)	310	335
Dimensione,mm	134×47×74	139×47×74

Specifiche

Model	LUMI L35	LUMI H35
Sensore termico, Pixels	384x288,12µm	640x512,12µm
NETD, mK	≤18	≤18
Frequenza deifotogrammi, Hz	50	50
Lente dell'obiettivo, MM	35 F0.9	35 F0.9
Campo visivo,°/ m a 100 m	7.5x5.7/13x10	12.5x9.4/22x16
Ingrandimento,x	4~16	2.5~20
Campo di Rilevamento,m (Dimensione delbersaglio: 1.7 m x 0.5m, P(n)= 99%)	1800	1800
Distanza interoculare, mm	25	
Diametro della Pupilla d'uscita, mm	10	
Diottria, D	-5 ~ +5	
Display	AMOLED 1024x768	
Batteria	Ioni di litio sostituibili 18650	
Durata della batteriamassima (t=22°C),h	4.5	4.5
microfono	Supporta	
Quantità di memoriaincorporata, GB	32	
Grado di protezione IP	IP67	
Temperatura diFunzionamento,°C	-20 ~ +50	
Peso, g (con batteria)	335	345
Dimensione,mm	143x47x74	143x47x74

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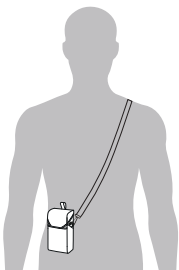
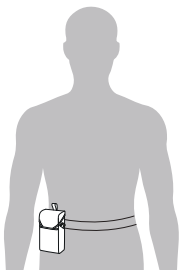
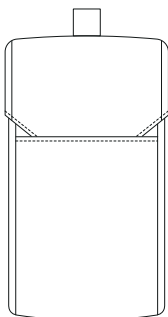
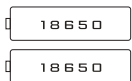
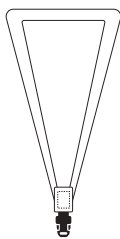
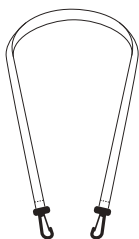
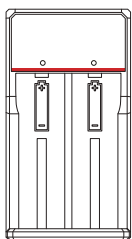
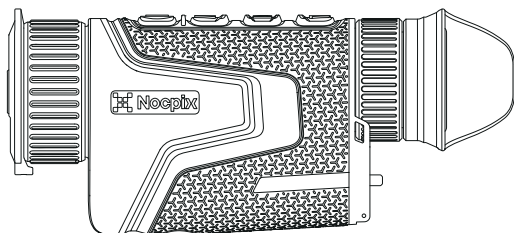


Instagram



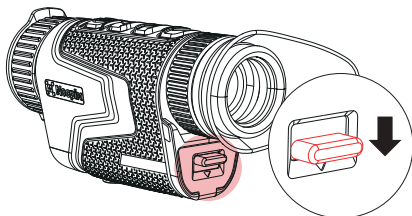
YouTube

Accessoires

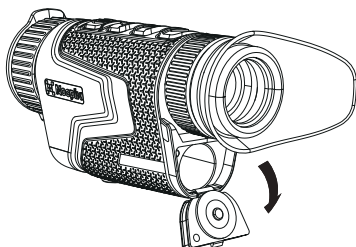


Installation de la batterie

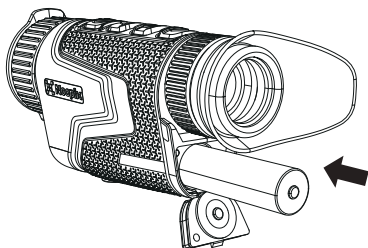
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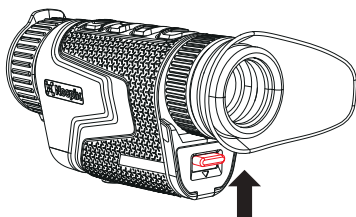
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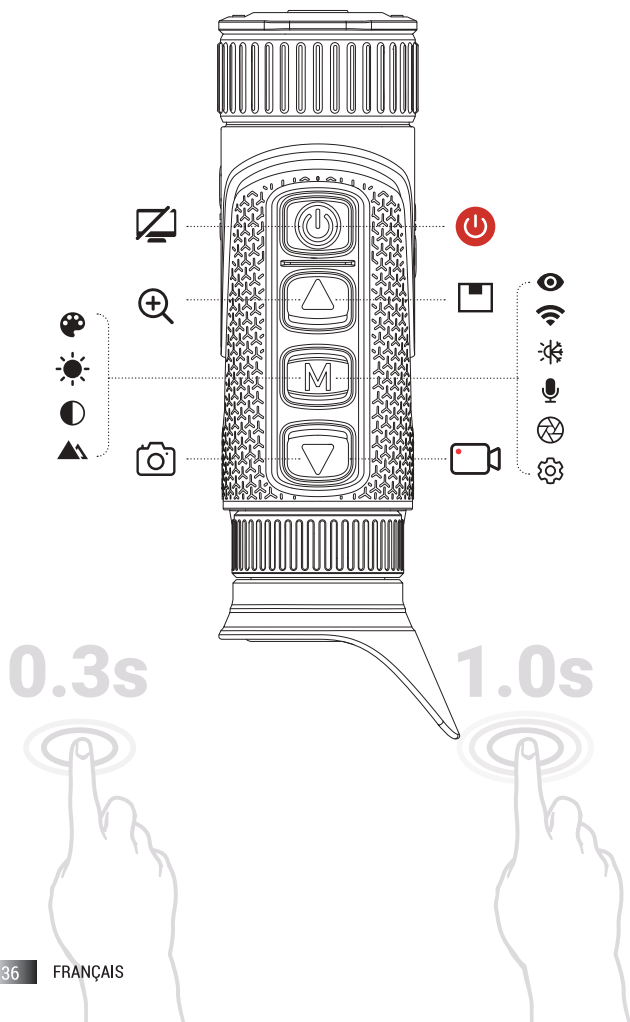
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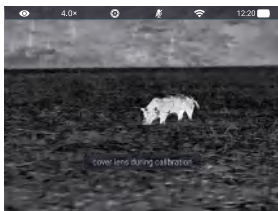
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Description des boutons



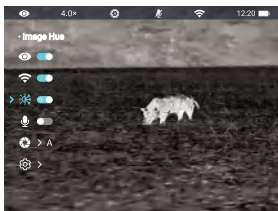
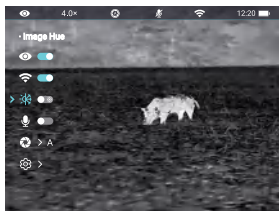
Description des boutons



Menu des raccourcis



Menu principal

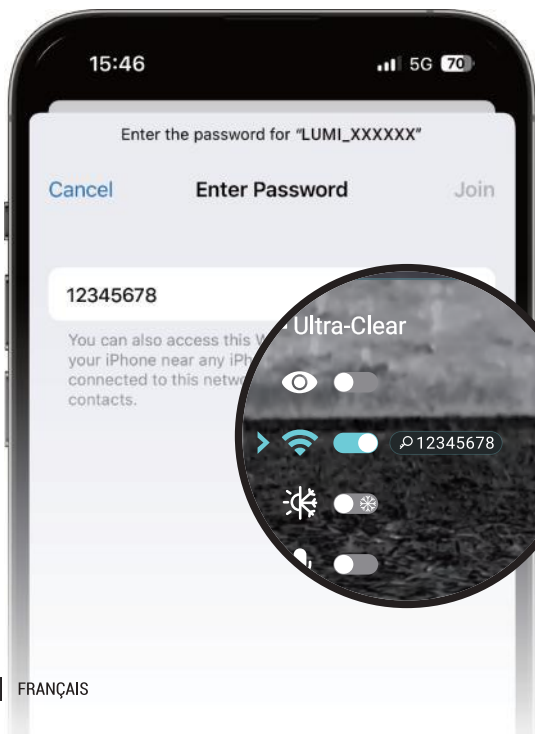


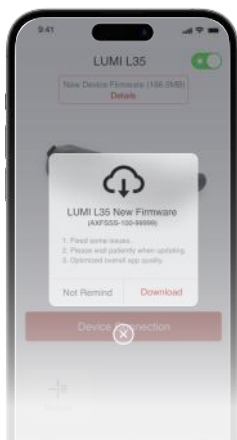
Manuel



Automatique

| App

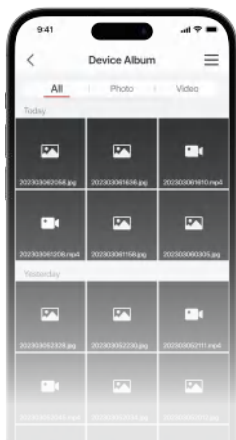




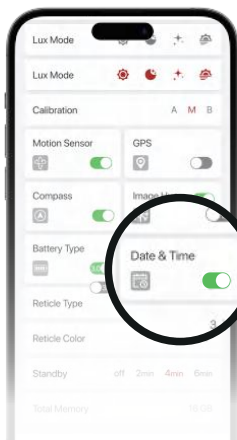
Mise à jour du
firmware



Transmission d'images
en temps réel



Fichier de
périphérique



Calibrage de la date
et de l'heure

Spécifications

Model	LUMI P13	LUMI L19
Capteur thermique, Pixels	256×192,12µm	384×288,12µm
NETD, mK	≤20	≤18
Fréquence des frames, Hz	50	50
Objectif principal, MM	13 F0.9	19 F0.9
Champ de vision,° / m à 100m	13.5×10.1/24×18	13.8×10.4/24×18
Grossissement,x	2~8	2~8
Portée de détection,m (taille de la cible: 1.7 m x 0.5 m, P(n) =99%)	670	980
Distanza interoculare.mm	25	
Diamètre de la pupille de sortie. mm	10	
Dioptrie, D	-5 ~ +5	
Écran	AMOLED 1024×768	
Type de batterie	Li-ion remplaçable 18650	
Autonomie maximale de la batterie (t=22°C),h	6	4.5
microphone	Support	
Capacité de la mémoire intégrée, Go	32	
Indice IP	IP67	
Température de fonctionnement. °C	-20 ~ +50	
Poids, g (avec batterie)	310	335
Dimensions,mm	134×47×74	139×47×74

Spécifications

Model	LUMI L35	LUMI H35
Capteur thermique, Pixels	384×288,12μm	640×512,12μm
NETD, mK	≤18	≤18
Fréquence des frames, Hz	50	50
Objectif principal, MM	35 F0.9	35 F0.9
Champ de vision, °/ m à 100m	7.5×5.7/13×10	12.5×9.4/22×16
Grossissement, x	4~16	2.5~20
Portée de détection, m (taille de la cible: 1.7 m x 0.5 m, P(n) =99%)	1800	1800
Distanza interoculare, mm	25	
Diamètre de la pupille de sortie, mm	10	
Dioptrie, D	-5 ~ +5	
Écran	AMOLED 1024×768	
Type de batterie	Li-ion remplaçable 18650	
Autonomie maximale de la batterie (t=22°C), h	4.5	4.5
microphone	Support	
Capacité de la mémoire intégrée, Go	32	
Indice IP	IP67	
Température de fonctionnement, °C	-20 ~ +50	
Poids, g (avec batterie)	335	345
Dimensions, mm	143×47×74	143×47×74

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Manuel de l'Utilisateur



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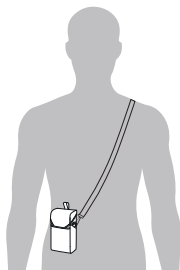
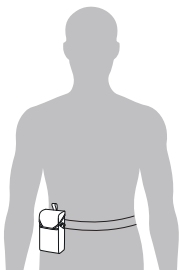
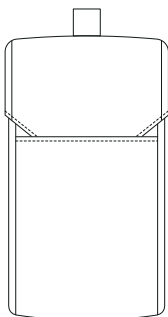
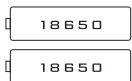
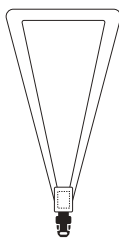
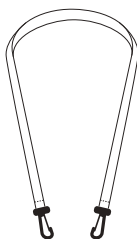
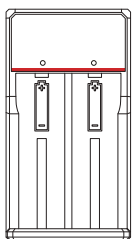
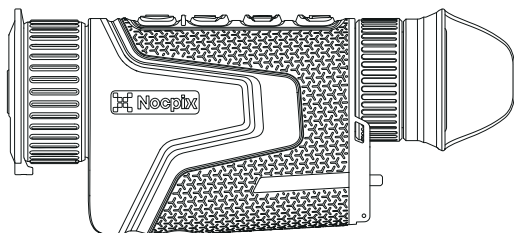


Instagram



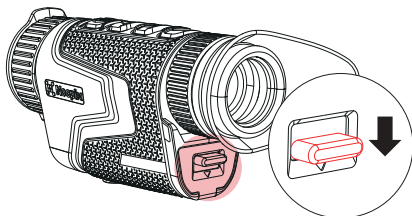
YouTube

Accesorios

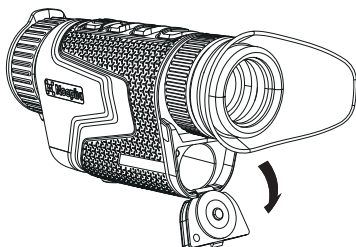


Instalación de la batería

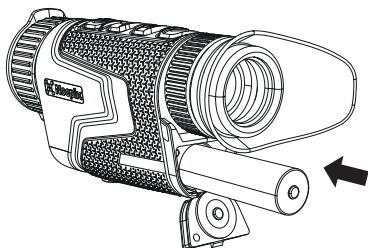
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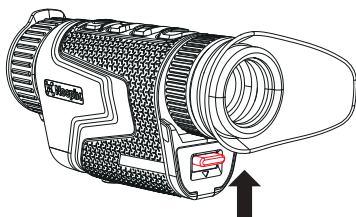
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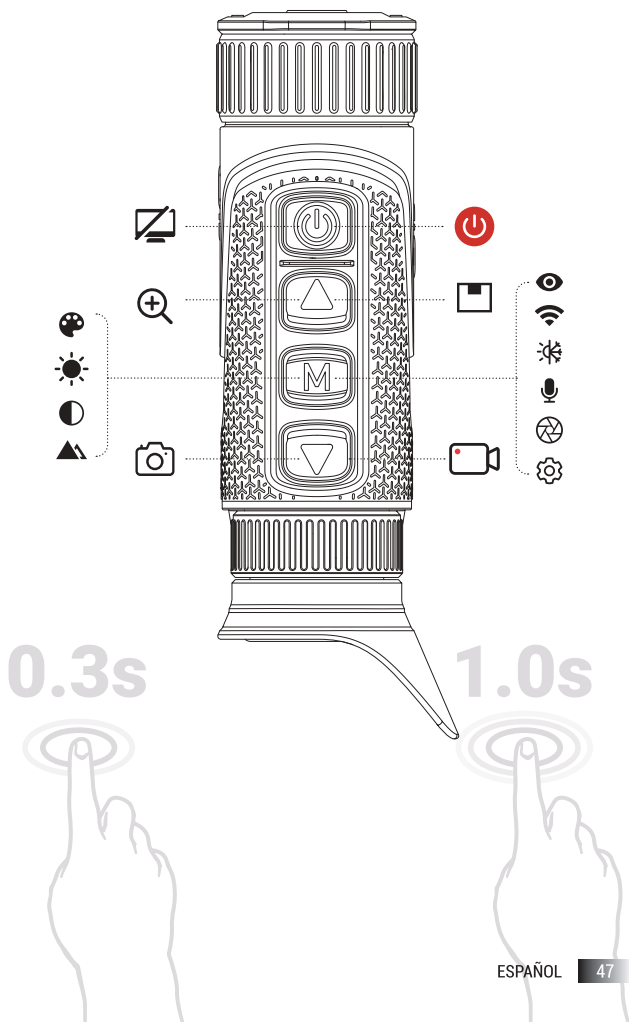
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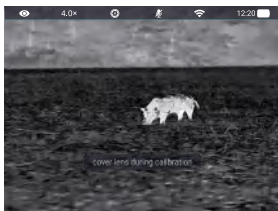
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Descripciones de botones



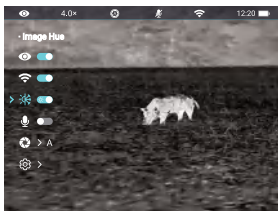
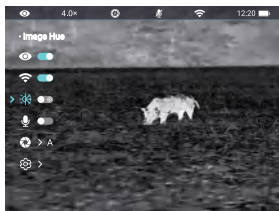
Descripciones de botones



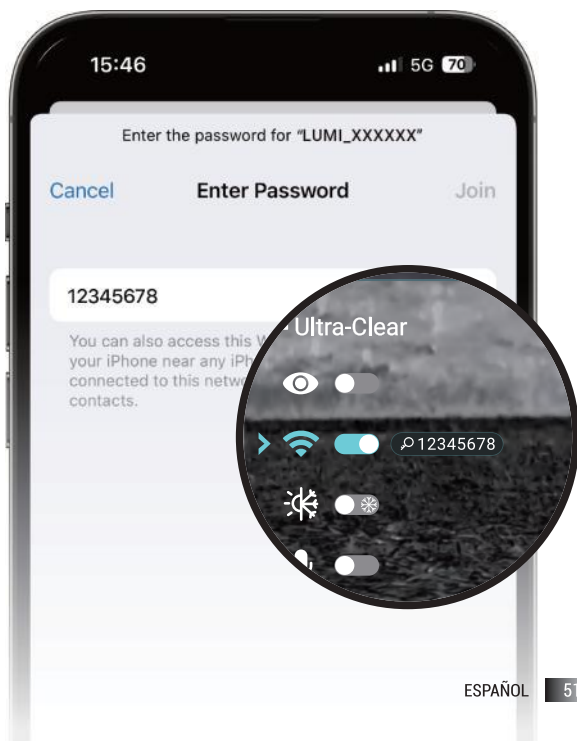
Menú breve

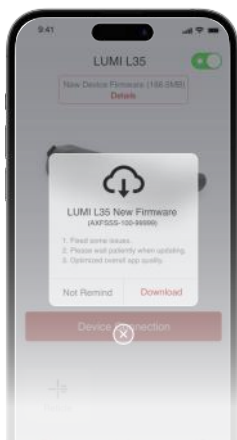


Menú principal



| App

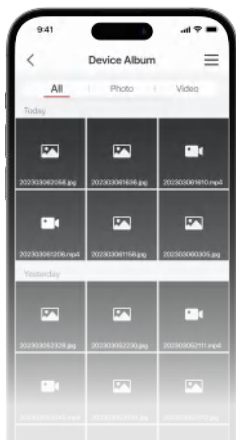




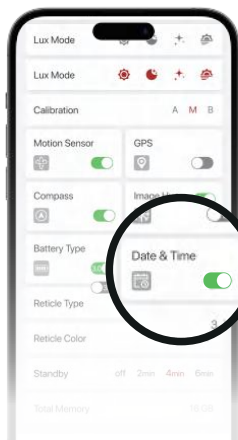
Actualización de firmware



Transmisión de imágenes en tiempo real



Archivo de dispositivo



Calibración de fecha y hora

Especificaciones

Model	LUMI P13	LUMI L19
Sensor termal, Pixels	256×192,12μm	384×288,12μm
NETD, mK	≤20	≤18
Velocidad de fotogramas, Hz	50	50
Lente Objetiva, MM	13 F0.9	19 F0.9
Campo de visión,°/m a 100 m	13.5×10.1/24×18	13.8×10.4/24×18
Magnificación,x	2~8	2~8
Rango de detección, m(Tamaño objetivo: 1.7m x 0.5 m,P(n)=99%)	670	980
Alivio ocular, mm	25	
Diámetro de la pupila de salida, mm	10	
Dioptrias, D	-5 ~ +5	
Pantalla	AMOLED 1024×768	
Batería	Li-ion reemplazable 18650	
Vida útil máxima de labatera (t =22°C), h	6	4.5
micrófono	Soporte	
Cantidad de memoria incorporada,GB	32	
Clasificación IP	IP67	
temperatura defuncionamiento.°C	-20 ~ +50	
Peso, g (con batería)	310	335
Dimensión, mm	134×47×74	139×47×74

Especificaciones

Model	LUMI L35	LUMI H35
Sensor termal, Pixels	384×288,12μm	640×512,12μm
NETD, mK	≤18	≤18
Velocidad de fotogramas, Hz	50	50
Lente Objetiva, MM	35 F0.9	35 F0.9
Campo de visión,°/m a 100 m	7.5×5.7/13×10	12.5×9.4/22×16
Magnificación,x	4~16	2.5~20
Rango de detección, m(Tamaño objetivo: 1.7m x 0.5 m,P(n)=99%)	1800	1800
Alivio ocular, mm	25	
Diámetro de la pupila de salida, mm	10	
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Pantalla	AMOLED 1024×768	
Batería	Li-ion reemplazable 18650	
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micrófono	Soporte	
Cantidad de memoria incorporada,GB	32	
Clasificación IP	IP67	
temperatura defuncionamiento.°C	-20 ~ +50	
Peso, g (con batería)	335	345
Dimensión, mm	143×47×74	143×47×74

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