Nocpix



Quick Start Guide

V1.0

QUEST | Thermal Imaging Binoculars

QUEST S50R / QUEST H50R / QUEST H35R

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).
Improvements may be made to the design and software of this product to enhance its features without prior notice to the customer.

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) herunterlasen können.
Verbesserungen am Design und an der Software dieses Produkts können vorgenommen werden, um dessen Funktionen zu erweitern, ohne dass der Kunde vorher benachrichtigt wird.

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).
Miglioramenti possono essere apportati al design e al software di questo prodotto per potenziarne le funzionalità senza preavviso al cliente.

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).
Des améliorations peuvent être apportées à la conception et au logiciel de ce produit afin d'en enrichir les fonctionnalités, sans préavis au client.

ES

Lea este manual antes de usar el producto yconserve 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).
Se pueden realizar mejoras en el diseño y el software de este producto para ampliar sus funciones sin previo aviso al cliente.

CZ

Před použitím výrobku si prosím přečtěte tuto příručku a uchovávejte ji pro budoucí použití.
Pro podrobné informace o zařízení si prosím stáhněte kompletní uživatelskou příručku z oficiálních webových stránek (www.nocpix-.com).Vylepšení designu a softwaru tohoto produktu mohou být provedeny za účelem rozšíření jeho funkcí bez předchozího upozornění zákazníka.

PL

Przed użyciem proszę uważnie przeczytać niniejszy podręcznik użytkownika i przechować go w odpowiedni sposób na przyszłość.
Aby uzyskać szczegółowe informacje o urządzeniu, pobierz pełny podręcznik użytkowania ze strony internetowej (www.nocpix-.com).Ulepszenia w zakresie projektu i oprogramowania tego produktu mogą zostać wprowadzone w celu rozszerzenia jego funkcji bez uprzedniego powiadomienia klienta.

SV

Vänligen läs igenom denna anvisning innan du använder produkten, och behåll guiden för framtida referens.
Detaljerad information om enheten finns i den fullständiga bruksanvisningen som du kan ladda ner från den officiella webbplatsen (www.nocpix.com).Förbättringar av produktens design och mjukvara kan göras för att utöka dess funktioner utan föregående meddelande till kunden.

HU

Kérjük, a termék használata előtt figyelmesen olvassa el a jelen használati útmutatót, és őrizze meg későbbi használatra.
A készülékkel kapcsolatos részletes információkért kérjük, töltse le a teljes felhasználói kézikönyvet a hivatalos weboldalról (www.nocpix-.com).A termék dizájnjában és szoftverében végrehajthatók olyan fejlesztések, amelyek funkcióit bővítik, ügyfél előzetes bejelentése nélkül.

PT

Leia este manual antes de usar o produto e guarde-o para referência futura.
Para obter informações detalhadas sobre o dispositivo, baixe o manual do usuário completo no site oficial (www.nocpix.com).Melhorias podem ser feitas no design e no software deste produto para aprimorar suas funcionalidades sem aviso prévio ao cliente.

CE RoHS

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℃ to +50℃. Otherwise, it will affect the service life of the product.
· Do not store the device for long periods at temperatures below 20℃ 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.

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

Laser Warning

QUEST S50R / QUEST H50R / QUEST H35R

CLASS 1 CONSUMER LASER PRODUCT

EN 50689:2021



QUEST Quick Start Guide

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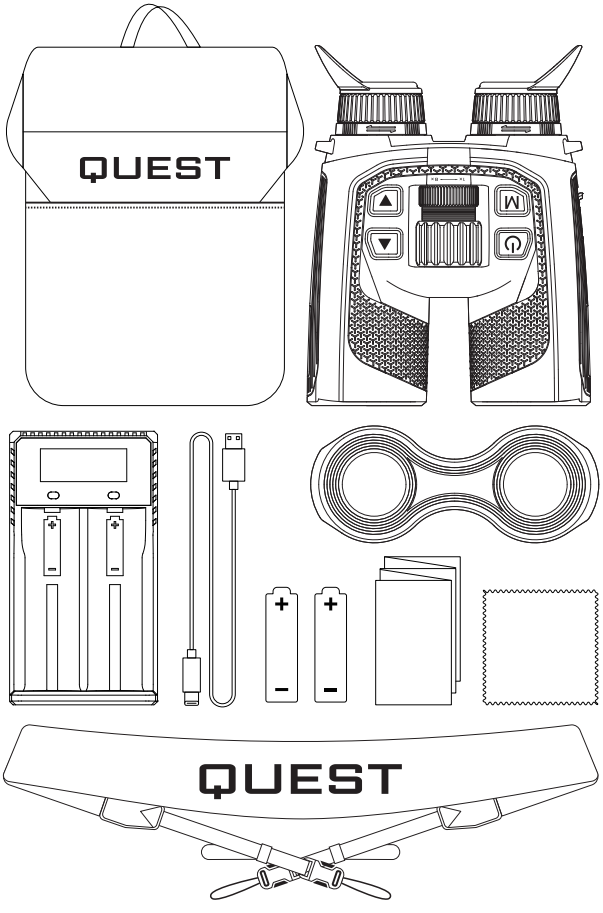
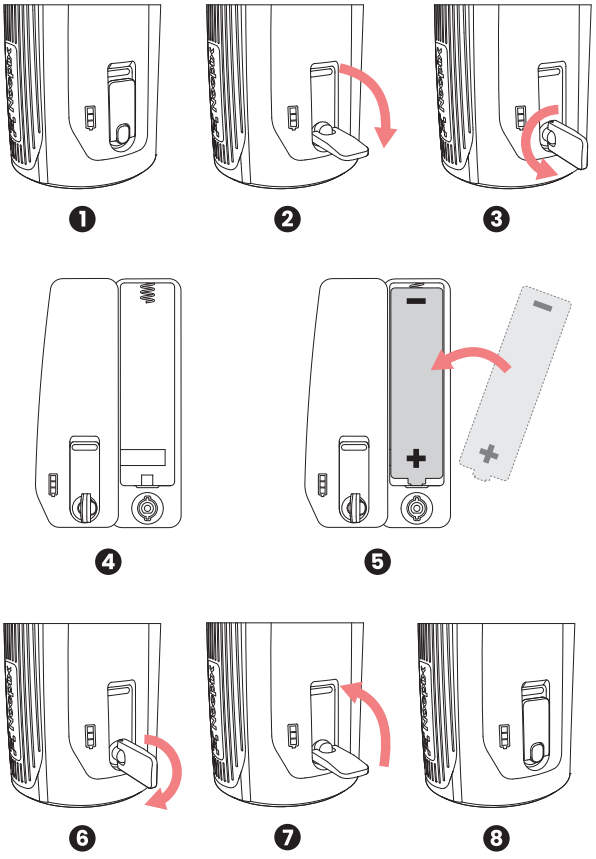
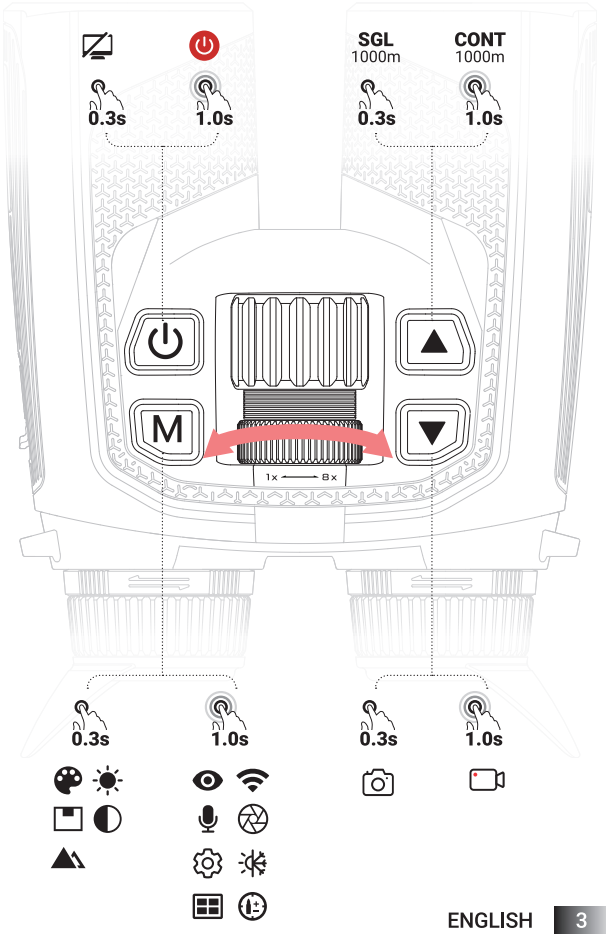
Accessories



Battery Install



Button Descriptions



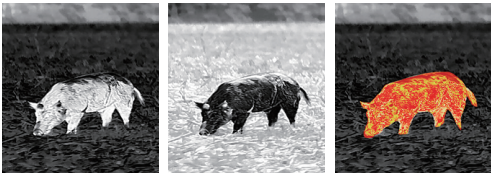
Button Descriptions







Shortcut Menu





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Main Menu











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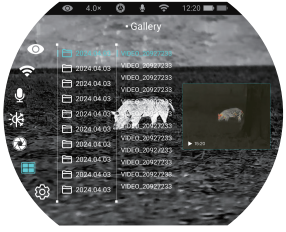
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App

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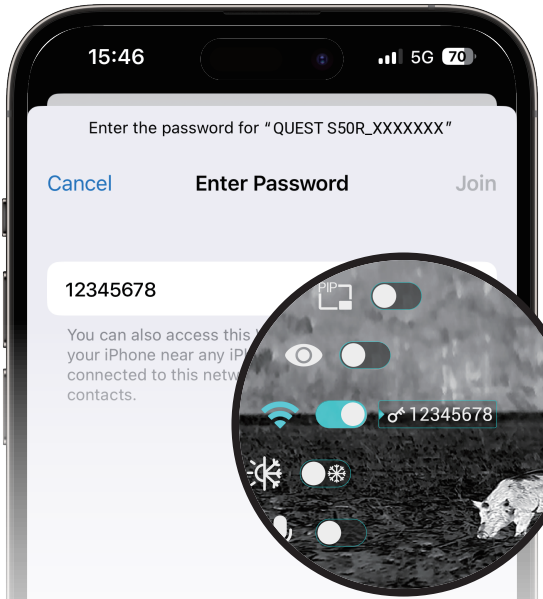
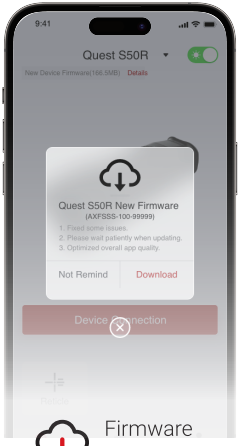
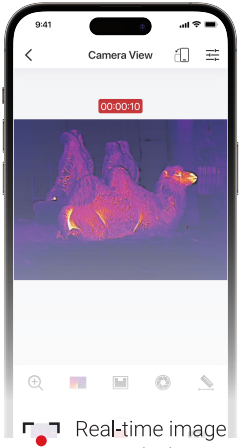
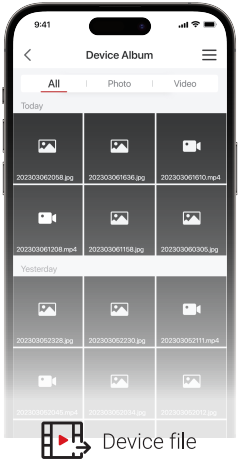




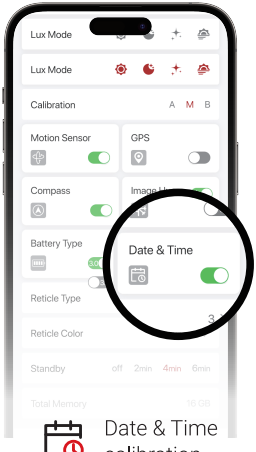
Firmware upgrade



Real-time image transmission



Device file



Date & Time calibration

Specifications

Model	QUEST S50R
Resolution, Pixels	1280x1024, 12μm
NETD, mK	＜15
Frame Rate, Hz	60
Objective Lens, mm	50 F1.1
Field of View (H×V), °/m at 100m	17.5x14/30x24
Magnification, ×	2~16
Detective Range, m (Target size: 1.7m × 0.5m, P(n)=99%)	2600
Eye Relief, mm	25
Exit Pupil Diameter, mm	10
Diopter, D	±5
Display	AMOLED 1920×1200
Battery Type	Built-in battery/4200mAh + replaceable 18650 battery
Max. Operation Time, (t=22°C) h	5
Interpupillary Adjustment Range, mm	63~72
LRF, m	1000
MIC	Support
Memory Capacity, GB	64
IP Rating	IP67
Operating Temperature, ºC	-20 ~ +55
Weight, g (Without Replaceable Battery)	＜750
Dimension, mm	175.4×138×66

Model	QUEST H50R	QUEST H35R
Resolution, Pixels	640×512, 12μm	
NETD, mK	＜15	
Frame Rate, Hz	60	
Objective Lens, mm	50 F1.1	35 F0.9
Field of View (H×V), °/m at 100m	8.8×7.0/ 15×12	12.5×10/ 22×18
Magnification, ×	4~32	3~24
Detective Range, m (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 + replaceable 18650 battery	
Max. Operation Time, (t=22°C) h	6	
Interpupillary Adjustment Range, mm	63~72	
LRF, m	1000	
MIC	Support	
Memory Capacity, GB	64	
IP Rating	IP67	
Operating Temperature, ºC	-20 ~ +55	
Weight, g (Without Replaceable Battery)	＜700	
Dimension, mm	175.4×138×66	

Get More Information

Website:
www.nocpix.com

User manual

Facebook

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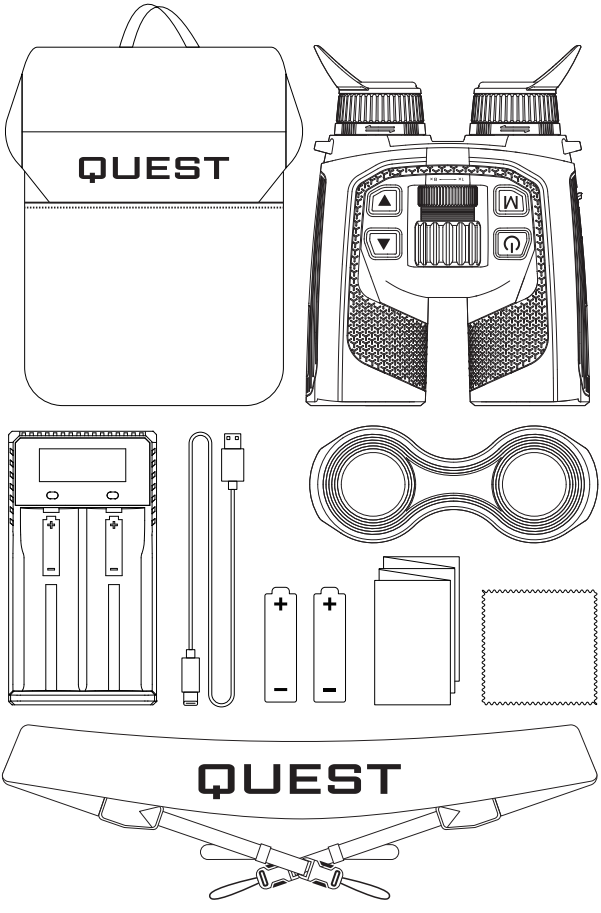
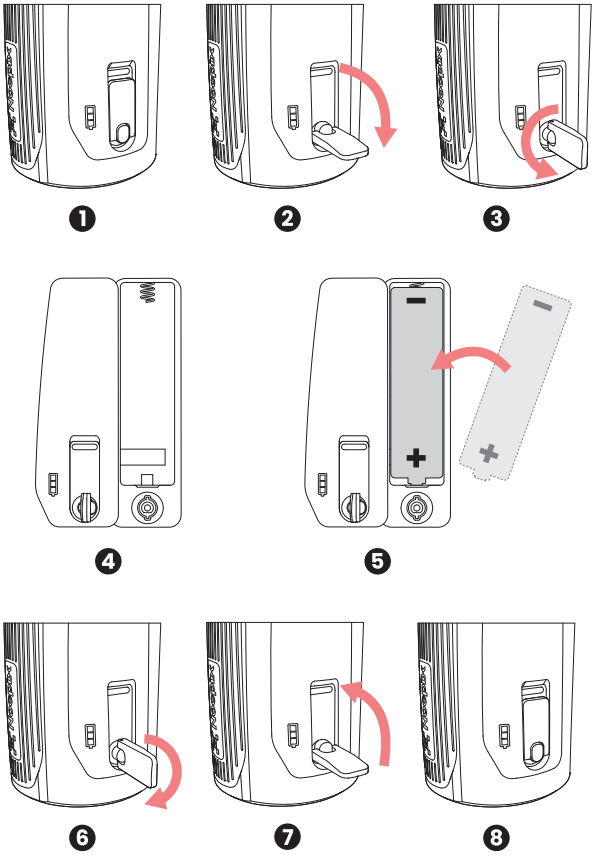
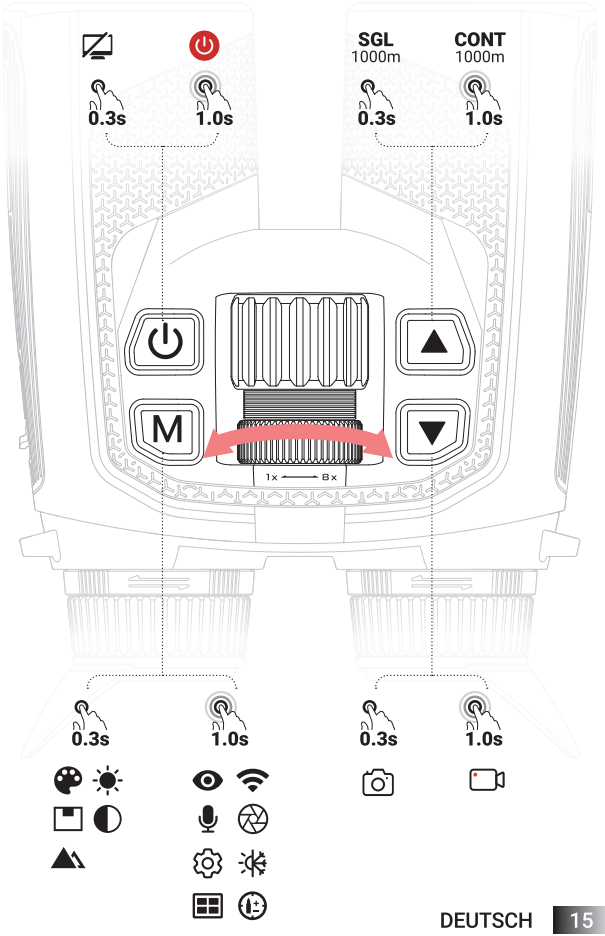
Zubehör



Batterie einbauen



Tastenbeschreibung



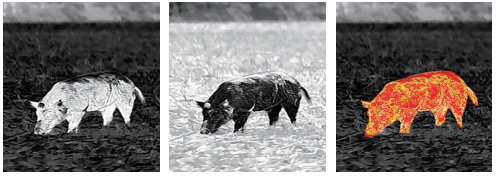
Tastenbeschreibung







Kontextmenü





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Hauptmenü











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App

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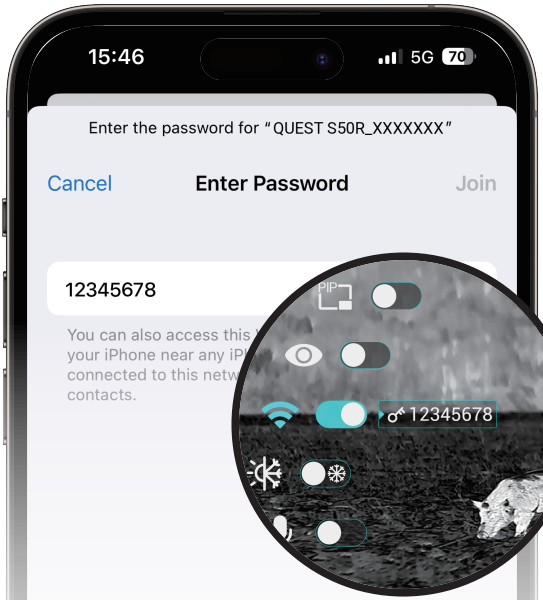
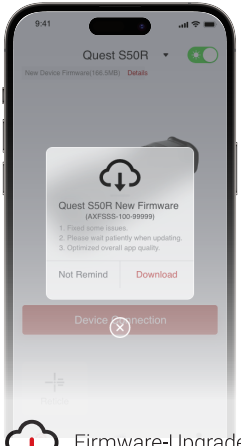
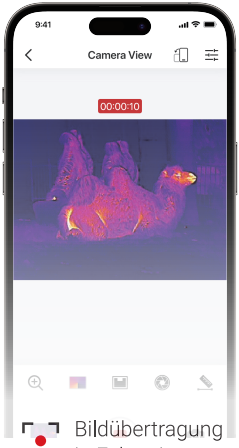
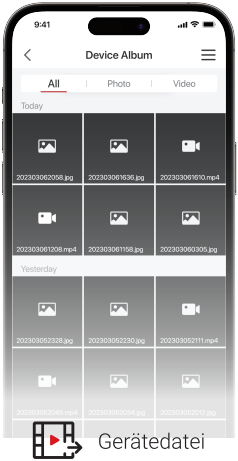




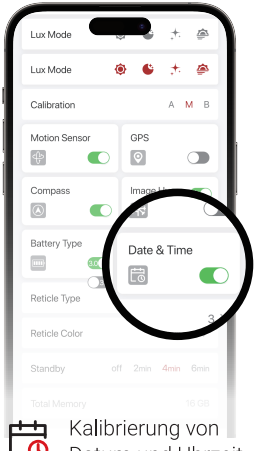
Firmware-Upgrade



Bildübertragung in Echtzeit



Gerätedatei



Kalibrierung von Datum und Uhrzeit

Spezifikationen

Modell	QUEST S50R
Auflösung, Pixel	1280x1024, 12µm
NETD, mK	<15
Bildfrequenz, Hz	60
Objektivlinse, mm	50 F1.1
Sichtfeld (H × V), °/m bei 100 m	17.5x14/30x24
Vergrößerung, ×	2~16
Detektionsreichweite, m (Zielgröße: 1,7 m × 0,5 m, P(n) = 99%)	2600
Austrittspupille, mm	25
Durchmesser der Austrittspupille, mm	10
Dioptrie, D	±5
Display	AMOLED 1920×1200
Batterie	Eingebaute Batterie/4200mAh+ auswechselbare 18650-Batterie
Max. Betriebsdauer (t=22°C), h	5
Blickachsenjustierungsbereich, mm	63~72
LRF, m	1000
Mikrofon	Unterstützt
Speicherkapazität, GB	64
IP-Schutzart	IP67
Betriebstemperatur, °C	-20 ~ +55
Gewicht, g (ohne austauschbare Batterie)	<750
Abmessungen, mm	175.4×138×66

Modell	QUEST H50R	QUEST H35R
Auflösung, Pixel	640×512, 12µm	
NETD, mK	＜15	
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 (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+ auswechselbare 18650-Batterie	
Max. Betriebsdauer (t=22°C), h	6	
Blickachsenjustierungsbereich, mm	63~72	
LRF, m	1000	
Mikrofon	Unterstützt	
Speicherkapazität, GB	64	
IP-Schutzart	IP67	
Betriebstemperatur, °C	-20 ~ +55	
Gewicht, g (ohne austauschbare Batterie)	＜700	
Abmessungen, mm	175.4×138×66	

Weitere Informationen

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www.nocpix.com

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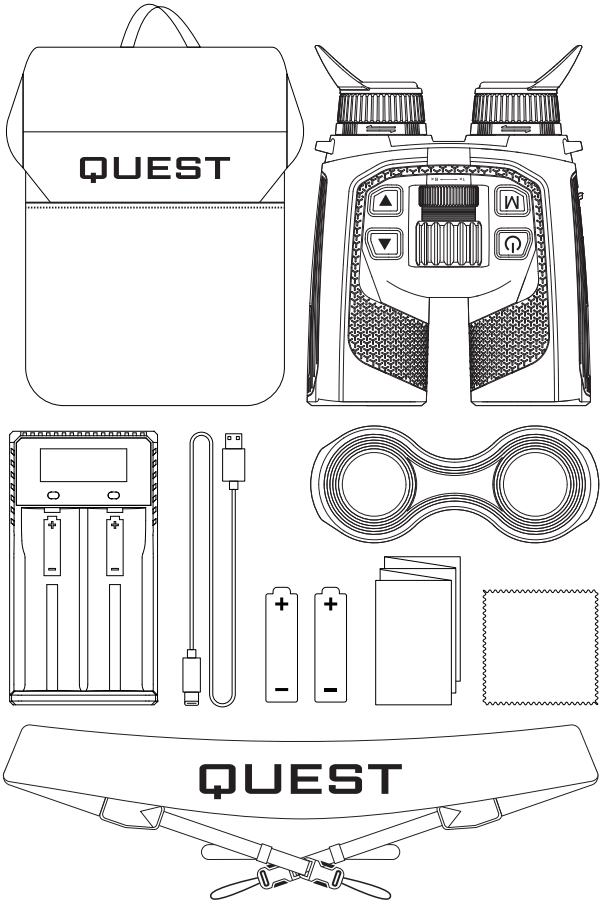
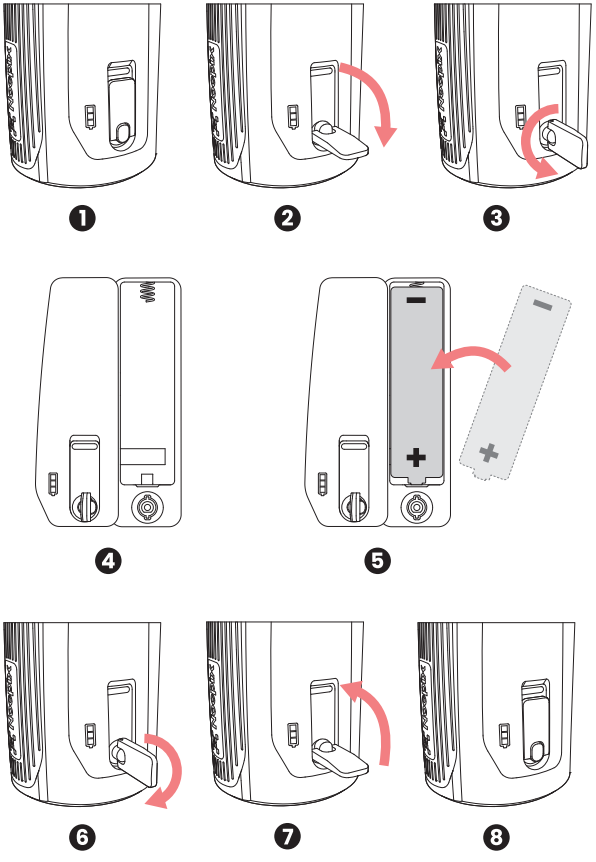
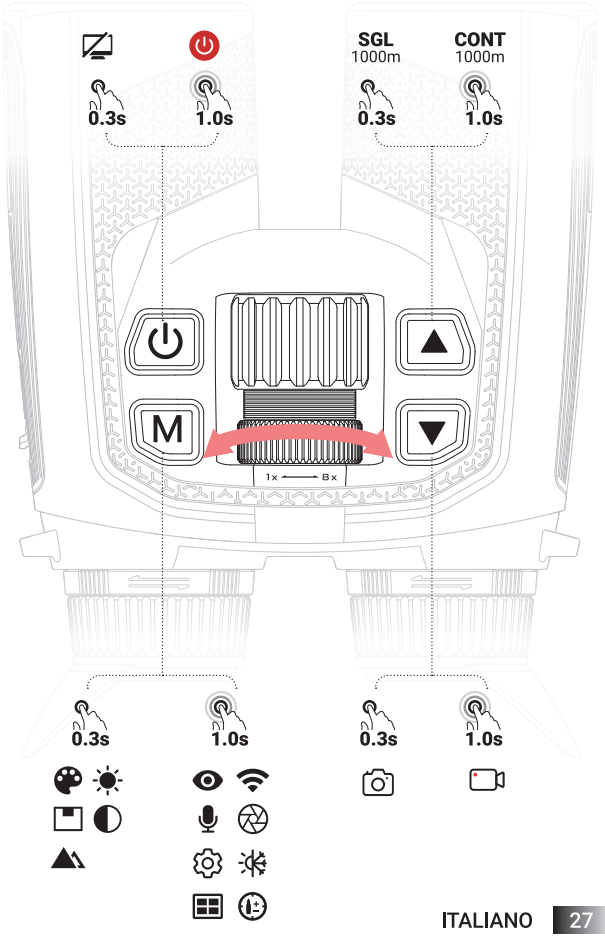
Accessori



Batterie



Descrizioni dei pulsanti



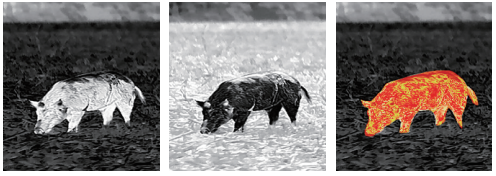
Descrizioni dei pulsanti

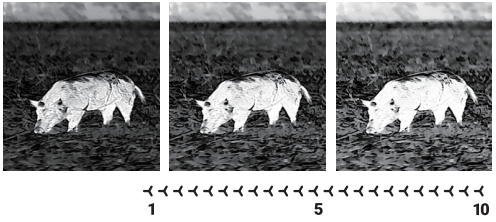


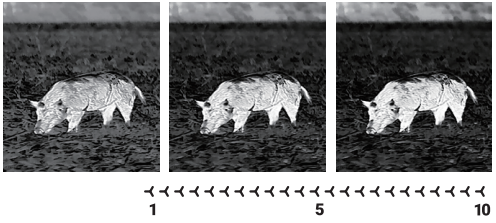


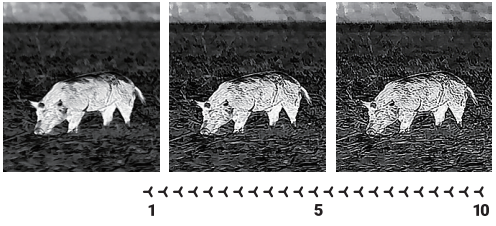


Menu di scelta rapida









Menu principale











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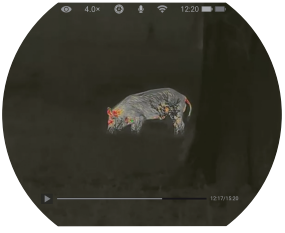
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App

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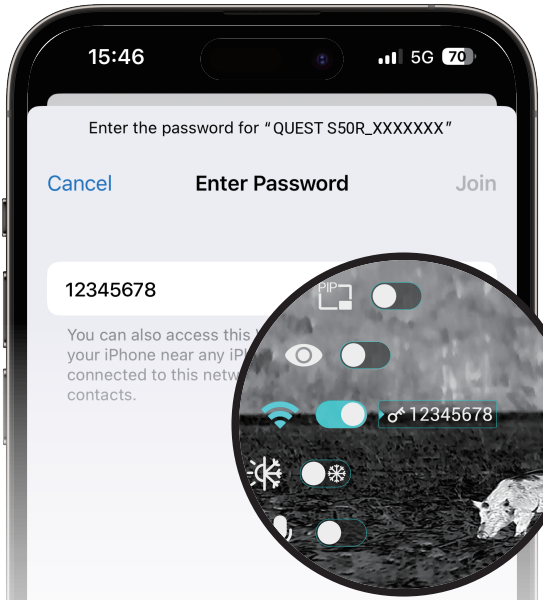
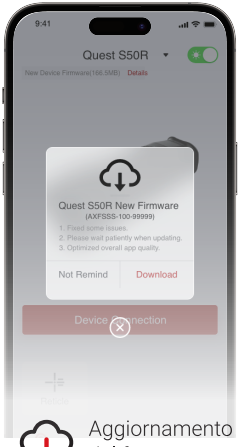
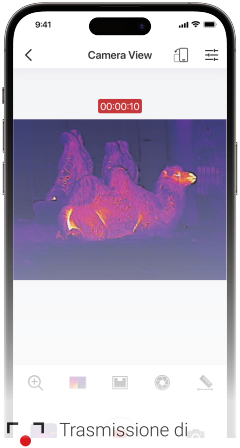
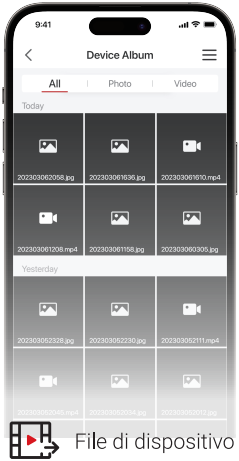




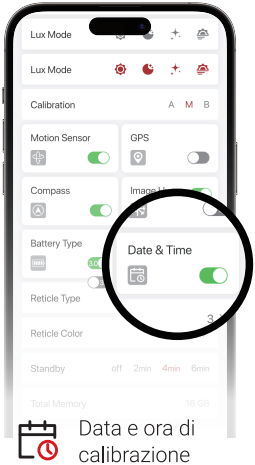
Aggiornamento del firmware



Trasmissione di immagini in tempo reale



File di dispositivo



Data e ora di calibrazione

Specifiche

Modello	QUEST S50R
Risoluzione, pixel	1280x1024, 12μm
NETD, mK	＜15
Frequenza fotogrammi, Hz	60
Lente dell'obiettivo, mm	50 F1.1
Campo visivo (H × V), °/m a 100 m	17.5x14/30x24
Ingrandimento, x	2~16
Campo di rilevamento,m(Dimensione del bersaglio: 1.7 m x 0.5m, P(n)= 99%)	2600
Distanza interoculare, mm	25
Diametro pupilla d'uscita, mm	10
Diottria, D	±5
Display	AMOLED 1920×1200
Batteria	Batteria integrata/4200mAh+ batteria 18650 sostituibile
Tempo di funzionamento massimo (t=22°C), h	5
Gamma di Regolazione dell'Interpupillare, mm	63~72
LRF, m	1000
MIC	Supporta
Capacità di memoria, GB	64
Classificazione IP	IP67
Temperatura di funzionamento, °C	-20 ~ +55
Peso, g (senza batteria sostituibile)	＜750
Dimensioni, mm	175.4×138×66

Modello	QUEST H50R	QUEST H35R
Risoluzione, pixel	640×512, 12μm	
NETD, mK	＜15	
Frequenza fotogrammi, Hz	60	
Lente dell'obiettivo, mm	50 F1.1	35 F0.9
Campo visivo (H × V), °/m a 100 m	8.8×7.0/15×12	12.5×10/22×18
Ingrandimento, x	4~32	3~24
Campo di rilevamento,m(Dimensione del bersaglio: 1.7 m x 0.5m, P(n)= 99%)	2600	1800
Distanza interoculare, mm	25	
Diametro pupilla d'uscita, mm	10	
Diottria, D	±5	
Display	AMOLED 1920×1200	
Batteria	Batteria integrata/4200mAh+ batteria 18650 sostituibile	
Tempo di funzionamento massimo (t=22°C), h	6	
Gamma di Regolazione dell'Interpupillare, mm	63~72	
LRF, m	1000	
MIC	Supporta	
Capacità di memoria, GB	64	
Classificazione IP	IP67	
Temperatura di funzionamento, °C	-20 ~ +55	
Peso, g (senza batteria sostituibile)	＜700	
Dimensioni, mm	175.4×138×66	

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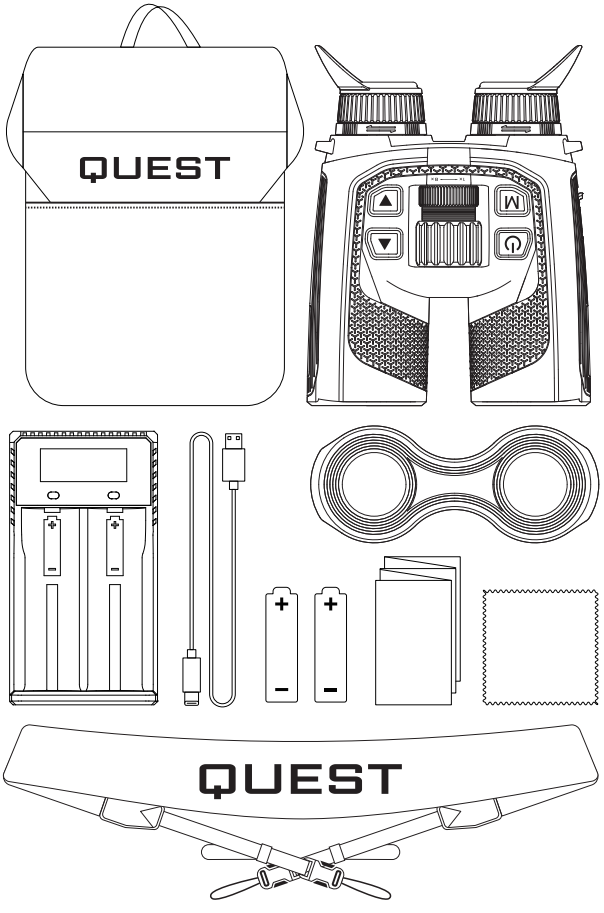
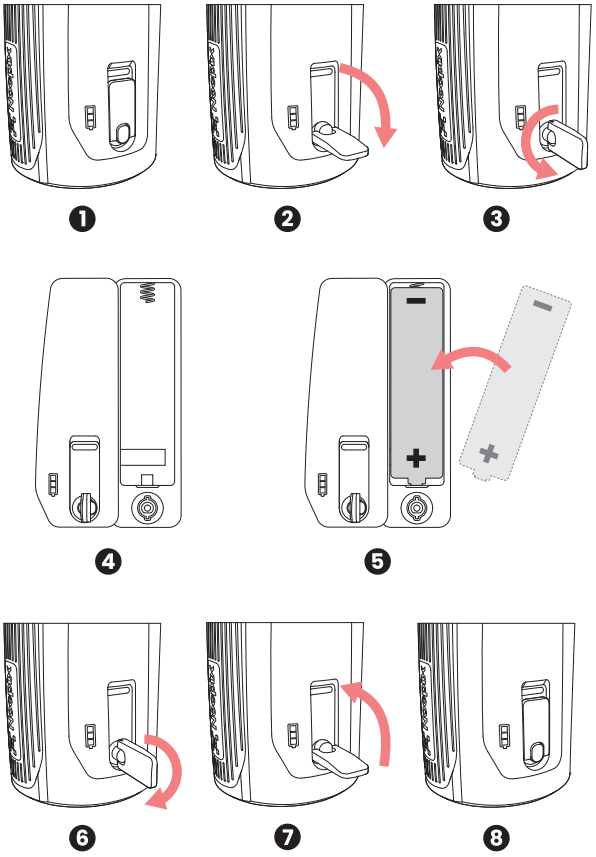
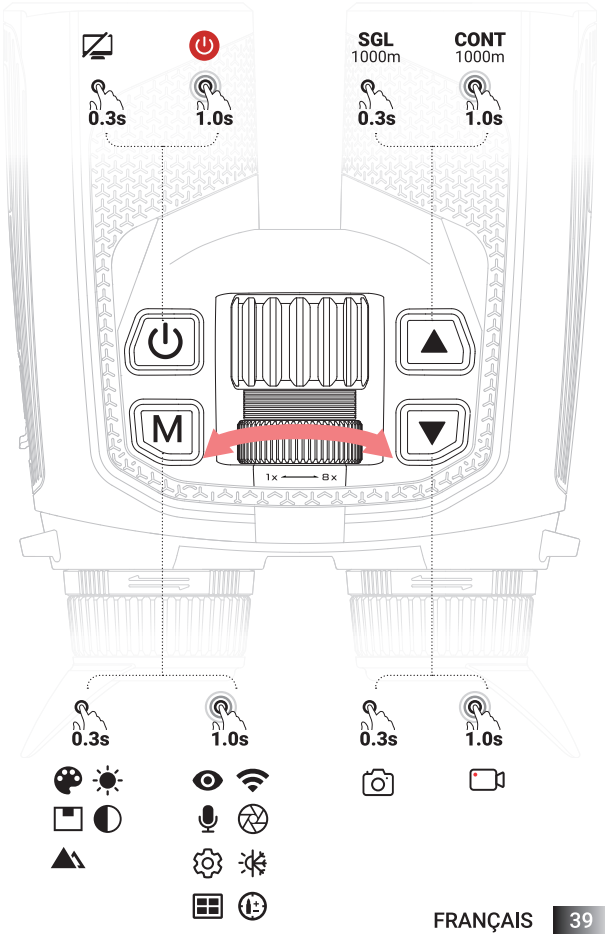


Installation de la batterieC



Description des boutons



Description des boutons







0.3s **1.0s**

Menu contextuel





1 5 10



1 5 10



1 5 10

Menu principal











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4.0×
12:20
Gallery
2024.04.03
VIDEO_20927233


4.0×
12:20



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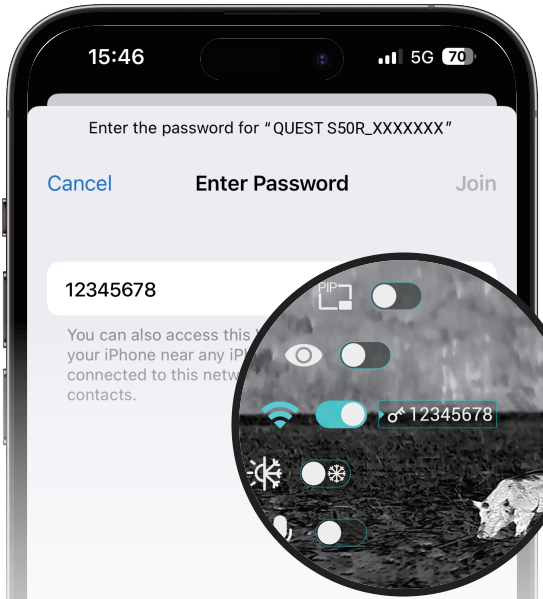
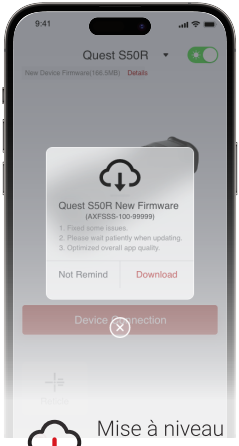
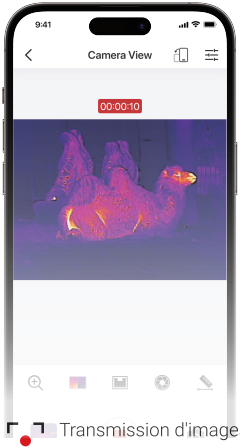
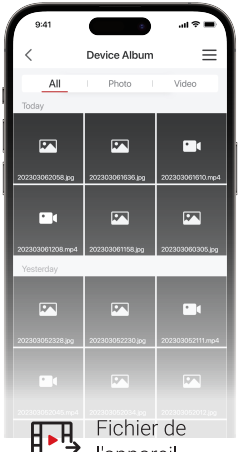




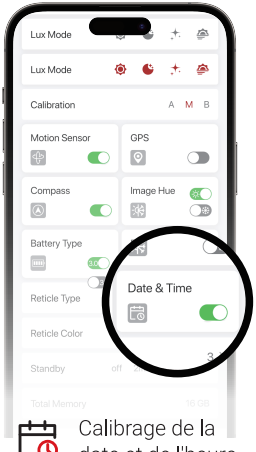
Mise à niveau du micrologiciel



Transmission d'images en temps réel



Fichier de l'appareil



Calibrage de la date et de l'heure

Spécifications

Modèle	QUEST S50R
Résolution, pixels	1280x1024, 12µm
NETD, mK	＜15
Fréquence des frames, Hz	60
Objectif, mm	50 F1.1
Champ de Vision (H×V), °/m à 100 m	17.5x14/30x24
Grossissement, x	2~16
Portée de détection,m (Taille cible: 1.7 m x 0.5 m, P(n) =99%)	2600
Distance oculaire, mm	25
Diamètre de pupille de sortie, mm	10
Dioptrie, D	±5
Écran	AMOLED 1920×1200
Batterie	Batterie intégrée/4200 mAh+ batterie remplaçable 18650
Autonomie maximale de la batterie (t=22°C), h	5
Plage d'Adjustement Interpupillaire, mm	63~72
LRF, m	1000
MIC	Soutien
Capacité de mémoire, Go	64
Indice IP	IP67
Température de fonctionnement. °C	-20 ~ +55
Poids, g (sans batterie remplaçable)	＜750
Dimension, mm	175.4×138×66

Modèle	QUEST H50R	QUEST H35R
Résolution, pixels	640×512, 12μm	
NETD, mK	＜15	
Fréquence des frames, Hz	60	
Objectif, mm	50 F1.1	35 F0.9
Champ de Vision (H×V), °/m à 100 m	8.8×7.0/15×12	12.5×10/22×18
Grossissement, x	4~32	3~24
Portée de détection,m (Taille cible: 1.7 m x 0.5 m, P(n) =99%)	2600	1800
Distance oculaire, mm	25	
Diamètre de pupille de sortie, mm	10	
Dioptrie, D	±5	
Écran	AMOLED 1920×1200	
Batterie	Batterie intégrée/4200 mAh + batterie remplaçable 18650	
Autonomie maximale de la batterie (t=22°C), h	6	
Plage d'Adjustement Interpupillaire, mm	63~72	
LRF, m	1000	
MIC	Soutien	
Capacité de mémoire, Go	64	
Indice IP	IP67	
Température de fonctionnement. °C	-20 ~ +55	
Poids, g (sans batterie remplaçable)	＜700	
Dimension, mm	175.4×138×66	

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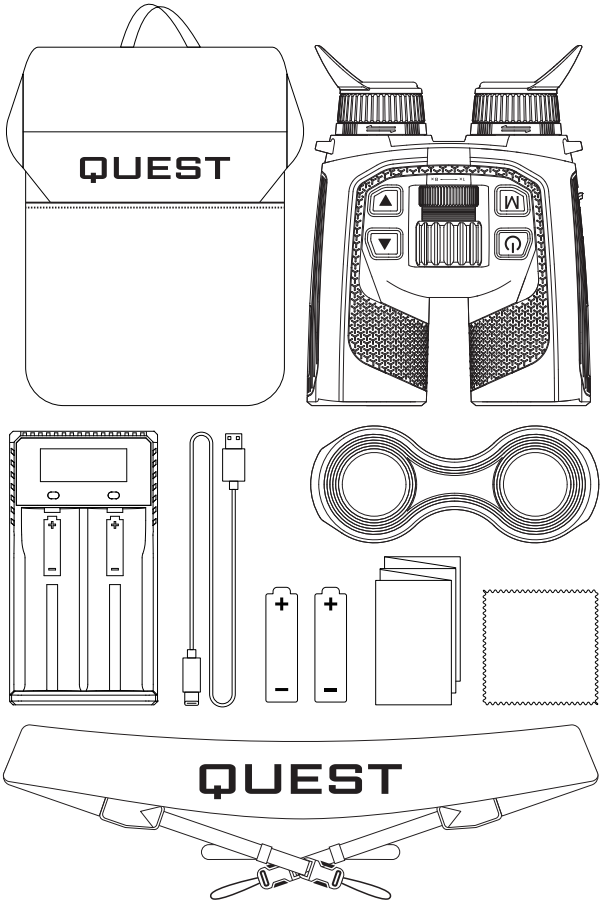
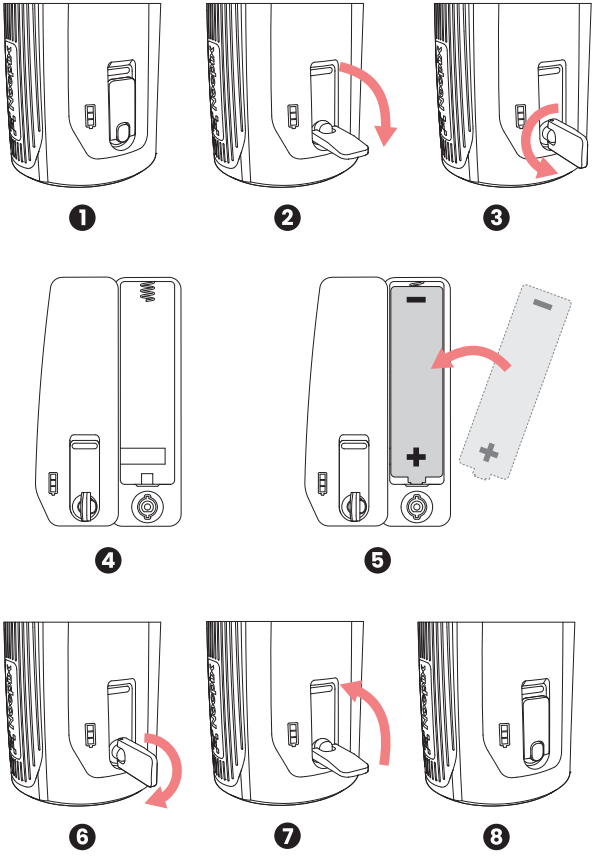
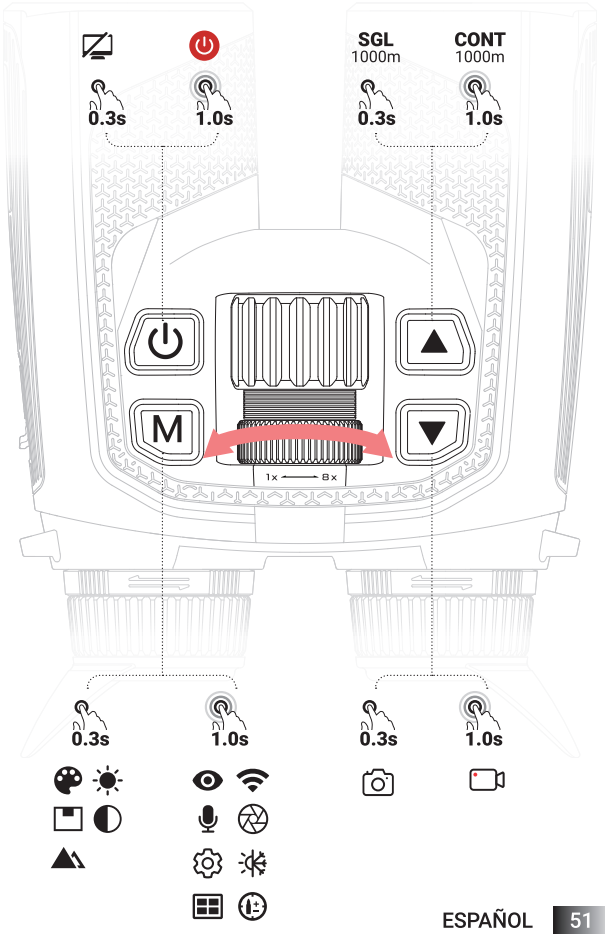


Instalación de Batería



Descripciones de Botones



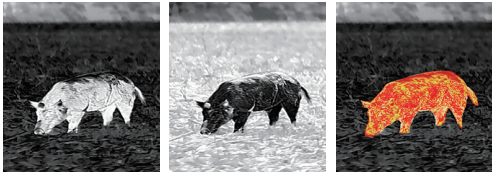
Descripciones de Botones







Menú de Acceso Directo





1 5 10



1 5 10



1 5 10

Menú Principal











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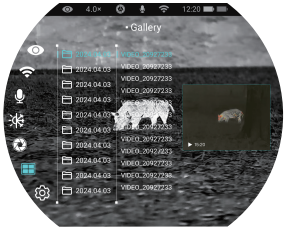
4.0×
12:20
• Gallery
2024.04.03
VIDEO_20927233


4.0×
12:20



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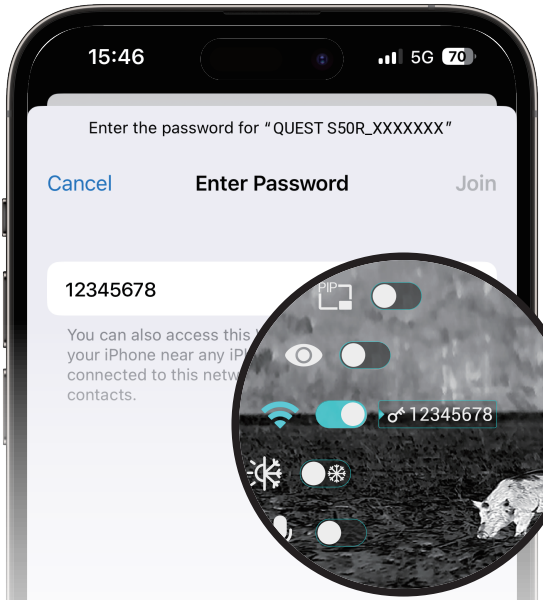
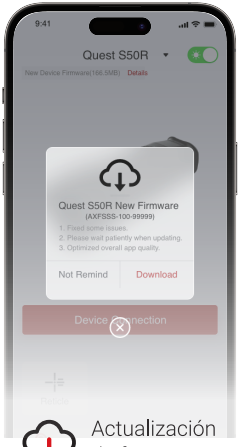
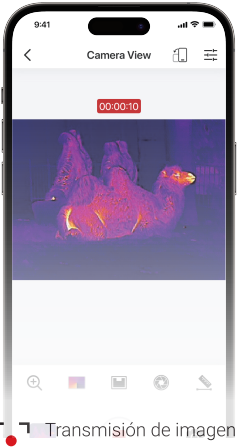
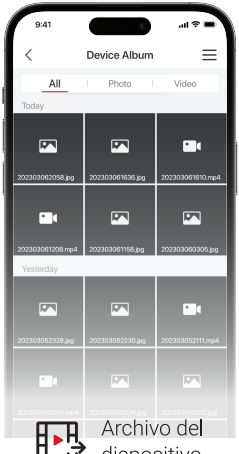




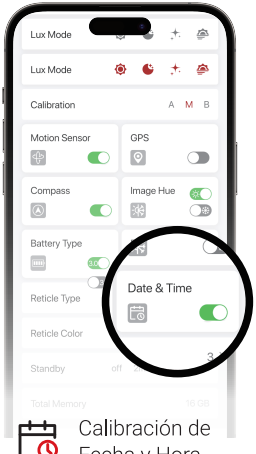
Actualización de firmware



Transmisión de imagen en tiempo real



Archivo del dispositivo



Calibración de Fecha y Hora

Especificaciones

Modelo	QUEST S50R
Resolución, píxeles	1280x1024, 12μm
NETD, mK	＜15
Velocidad de Fotogramas, Hz	60
Lente de Objetivo, mm	50 F1.1
Campo de Visión (H × V), °/m a 100 m	17.5x14/30x24
Ampliación, x	2~16
Alcance de Detección, m (Tamaño objetivo: 1.7m x 0,5 m,P(n)=99%)	2600
Alivio Ocular, mm	25
Diámetro de la Pupila de Salida, mm	10
Dioptrías, D	±5
Pantalla	AMOLED 1920×1200
Batería	Batería integrada/4200 mAh+ batería 18650 intercambiable
Tiempo Máx. de Funcionamiento (t =22°C), h	5
Rango de Ajuste Interpupilar, mm	63~72
LRF, m	1000
MIC	Soporta
Capacidad de Memoria, GB	64
Clasificación IP	IP67
Temperatura de Funcionamiento, °C	-20 ~ +55
Peso, g (sin batería intercambiable)	＜750
Dimensión, mm	175.4×138×66

Modelo	QUEST H50R	QUEST H35R
Resolución, píxeles	640×512, 12μm	
NETD, mK	＜15	
Velocidad de Fotogramas, Hz	60	
Lente de Objetivo, mm	50 F1.1	35 F0.9
Campo de Visión (H × V), °/m a 100 m	8.8×7.0/15×12	12.5×10/22×18
Ampliación, x	4~32	3~24
Alcance de Detección, m(Tamaño objetivo: 1.7m x 0,5 m,P(n)=99%)	2600	1800
Alivio Ocular, mm	25	
Diámetro de la Pupila de Salida, mm	10	
Dioptrías, D	±5	
Pantalla	AMOLED 1920×1200	
Batería	Batería integrada/4200 mAh+ batería 18650 intercambiable	
Tiempo Máx. de Funcionamiento (t =22°C), h	6	
Rango de Ajuste Interpupilar, mm	63~72	
LRF, m	1000	
MIC	Soporta	
Capacidad de Memoria, GB	64	
Clasificación IP	IP67	
Temperatura de Funcionamiento, °C	-20 ~ +55	
Peso, g (sin batería intercambiable)	＜700	
Dimensión, mm	175.4×138×66	

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