Conotech Artemis 35

Conotech Artemis 35 Thermal Clip-On Monocular User Manual

Model: Artemis 35

1. INTRODUCTION AND PRODUCT OVERVIEW

The Conotech Artemis 35 is a high-precision thermal imaging clip-on monocular designed for seamless integration with daytime scopes. It features a compact and ultra-light design, offering advanced thermal detection capabilities for various environments.

The Conotech Artemis 35 thermal clip-on monocular, shown with its packaging and a lens cap.

ARTEMIS

12µm HIGH PRECISION THERMAL FRONT ATTACHMENT

ARTEMIS is a high precision thermal clip-on, features with compact and ultra-light design, works seamlessly with your daytime scopes. Based on an advaned 12um thermal imaging sensor with 384x288 pixel resolution, it offers relatively smaller FOV, unique sharp and high-contrast images for enhanced identification of the smallest details.

FOV at 100m for Artemis 25   18.4m x 14m
FOV at 100m for Artemis 35   13.2m x 10m

Product Overview

1. Lens Cover
2. Focus ring
3. Battery compartment cap

The Artemis 35 functions as a high-precision thermal front attachment, designed to be mounted onto existing rifle scopes.

Two modifications of objective lenses allow to choose perfect unit for your needs where 25mm lens designed for short range missions, while 35mm lens model will be greater for medium range missions.

Multiple palettes

Artemis offers 6-color palettes for different personal preferences, evniroments and situaitions.

Standby mode

User can enter standby mode by simply pressing one button, it helps conserve power when Artemis is not in use, and give a longer operation time. Since te device stays on which also allows it to be switched on quickly if necessary.

Technical Data Sheet		
	Artemis 25	Artemis 35
Detector		
Type	Uncooled Vox	
Resolution	384x288	
Frame rate	50Hz	
Pixel	12µm	
Spectral range	8-14µm	
NETD	30mk	
Optical Characteristics		
Objective lens	25mm/F1.0	35mm/F1.1
Magnification	1X	1X
FOV	10.6°x7.9°	7.5°X 5.6°
FOV at 100m	18.4mX14m	13.2mX10m
Close-up range	3m	
Functions		
Palette	BlackHot, WhiteHot, RedHot, Glowbow, ColdGreen, Rainbow	
Start up time	Less than 3 seconds	
Detail enhancement	Yes	
WIFI	Yes	
Storage capacity	32G	
Standby mode	Yes	
Display		
Type	OLED	
Resolution	1024×768	
Power Supply		
Battery	2×18500	
External power supply	5V micro USB	
External Interface	Type-C	
Working time with battery	6.5h	
Physical Characteristics		
Weight without battery	450g	470g

Weight without battery	450g	470g
Size	145*67*69mm	155*67*69mm
Environmental Compatibility		
Water proof	IP67	
Operating temperature	-20℃-50℃	
Storage temperature	-40℃-60℃	

Detailed product overview highlighting key components: 1. Lens Cover, 2. Focus ring, 3. Battery compartment cap, and 4. Charging port.

6   6 Charging port

12μm Advanced imaging sensor

The 12μm thermal imaging sensor with less than **30mK NETD** offers sharp, richly contrasted images while retaining the accuracy of the day scope. Compared with 17μm sensor, it has a smaller FOV, looks sharper and more detailed enabling better object identification capabilities.

17μm   12μm
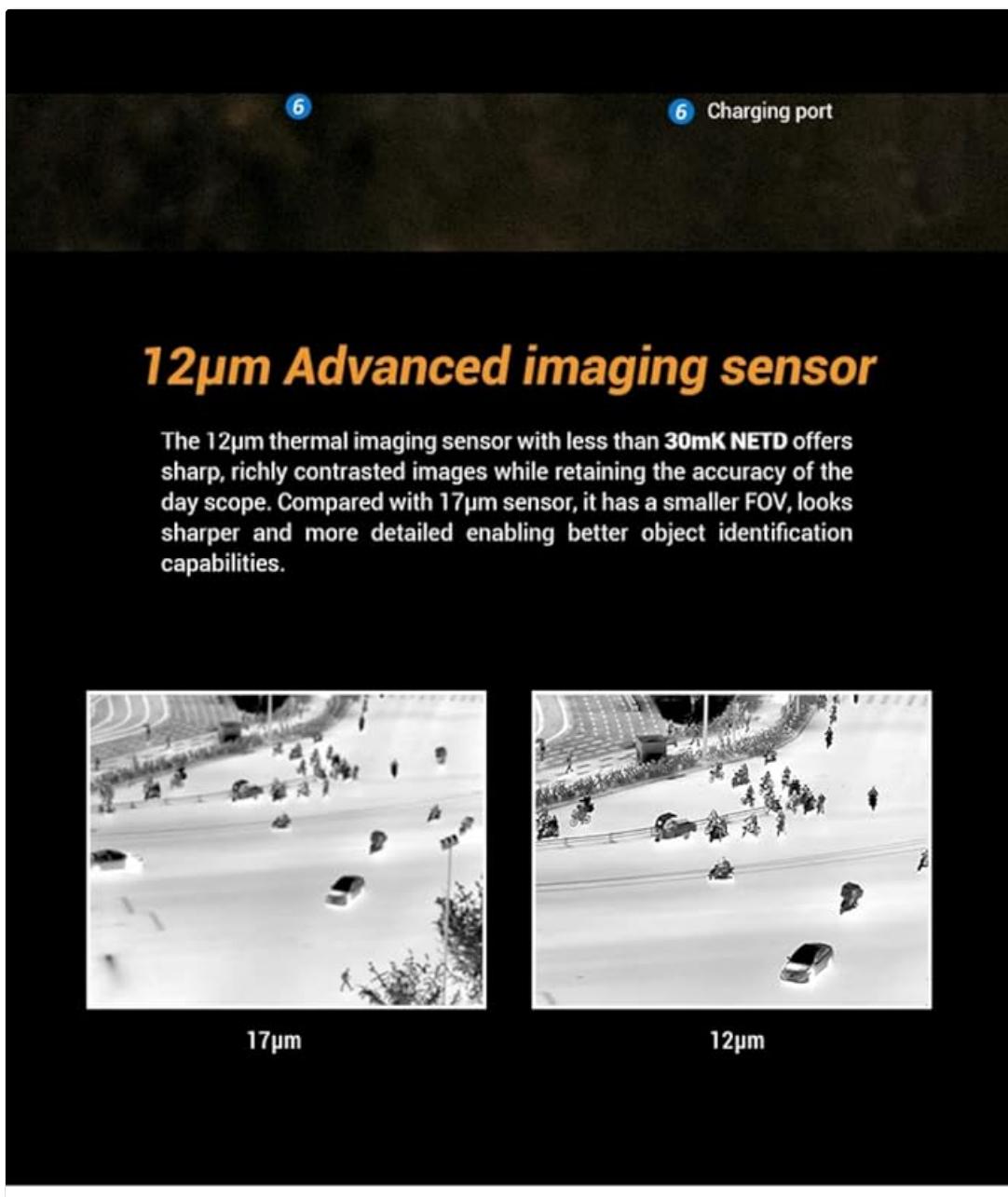
Ultra light and compact design

The compact and lightweight design provides easier portability, balance and accuracy of the rifle and comfort when hunting.

67mm

145mm

ARTEMIS 25

71.4mm

144mm

No rezeroing required

The Artemis 35 features a 12μm advanced imaging sensor, providing sharper and more detailed thermal images compared to 17μm sensors.

Long lasting operation time

ARTEMIS gives up to 6.5+ hours with wifi off, external sources such as power bank is also capable of increasing the total operation time to meet the hunting needs of one night.

6.5+ *hrs*

18500

More features

High resolution OLED display
1024X768 high resolution OLED display offers a crisp, richly contrasted, vividly colored image.

25mm/35mm optional lens
Two modifications of objective lenses allow to choose perfect unit for your needs where 25mm lens designed for short range missions, while 35mm lens model will be greater for medium range missions.

Multiple palettes
Artemis offers 6-color palettes for different personal preferences, evnironments and situaitions.

Standby mode
User can enter standby mode by simply pressing one button, it helps conserve power when Artemis is not in use, and give a longer operation time. Since te device stays on which also allows it to be switched on quickly if necessary.

Technical Data Sheet		
	Artemis 25	Artemis 35
Detector		
Type	Uncooled Vox	
Resolution	384x288	

The compact and lightweight design of the Artemis series ensures easy portability and improved balance when mounted.

User-friendly interface

With circual arrangement icons, quick access to menu selection and easy to locate different options that provides a user-friendly operate experience.
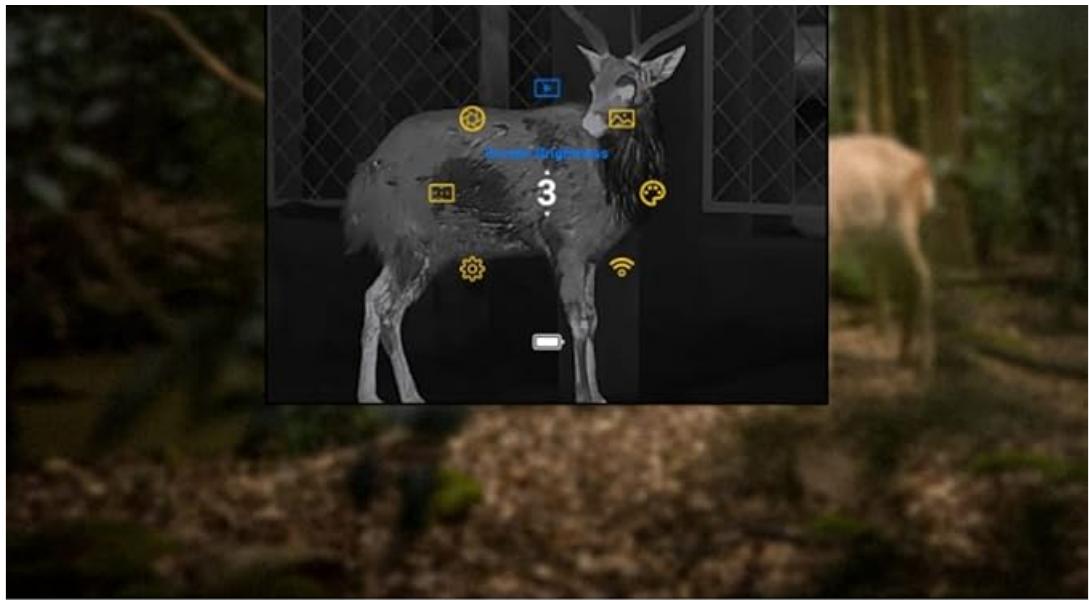
WiFi and on-boarding recording

Built-in wifi module allows you to connect the ARTEMIS with mobile units which enables you to receive footage in the real-time mode and save the image/video captured by the device. **32Gb** of the internal memory provides enough spcace for recording and taking photos of exciting moments.

CONOTECH

The Artemis 35 offers long-lasting operation time, providing over 6.5 hours of continuous use with external power sources and Wi-Fi off.

IP67

IP67 waterproof-rated for protection from heavy rainfall, snow or other precipitation. The unit is designed to run flawlessly, even after submersion in up to **1 meter** of water for up to **30 mins**.
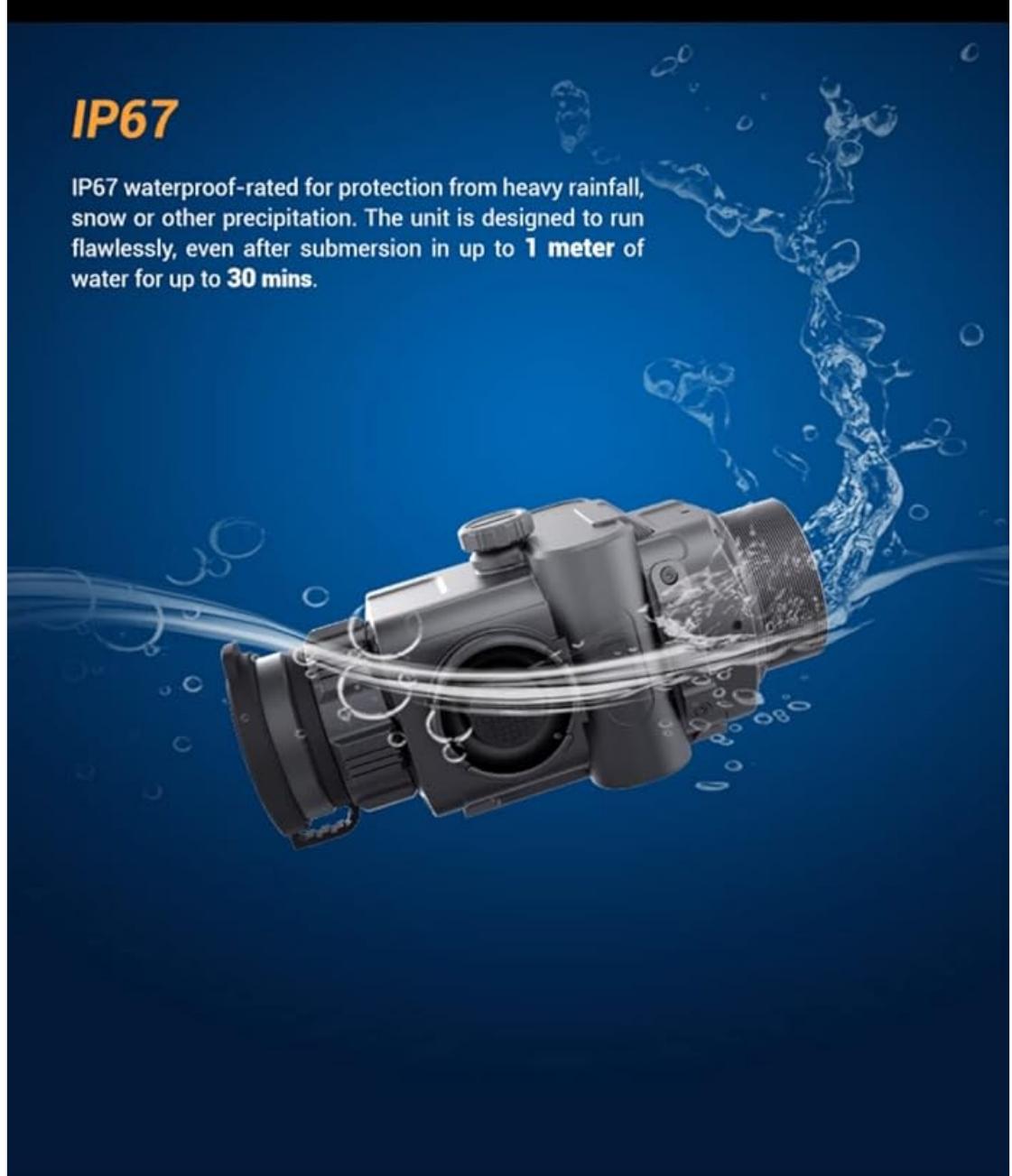
1200G shock resistance

ARTEMIS features high shock resistance up to **1200 g/ms**, and can be used with rifled hunting weapon for such cartridges as **9.3x64, .30-06, .300, .375. etc,** and with smooth-bore and airsoft weapon.

The device features a user-friendly interface with circularly arranged icons for quick access to menu selections and options.

Image mode

In order to achieve the highest possible image quality, certain settings have been optimized and gathered into profiles, ARTEMIS has smooth mode and enhance mode for different environmental location and conditions.


Smooth mode   Enhance mode

Detection range

A powerful **F25/1.0** or **F35/1.1** objective lens combined with a highly-sensitive thermal imaging sensor provides exceptional detection capabilities.

| | | 25 |
| | | 35 |

🐇	Detect distance	310m	430m
0.3m	Identfy distance	100m	140m
🐗	Detect distance	730m	1020m
0.7m	Identfy distance	240m	340m
🦌	Detect distance	1770m	2470m
1.7m	Identfy distance	590m	820m

The built-in Wi-Fi module allows connection to mobile devices for real-time footage viewing and recording. The device includes 32GB of internal memory. Download the app using these links: App Link 1, App Link 2.

No rezeroing required and quickly mounted

Quickly mounted in front of your dayscope to provide enhanced thermal capabilities without having to re-zero your daylight scope. The mount allows to perform precise alignment of attachment's field of view with central point of riflescope's field of view in order to achieve the optimal viewing position.
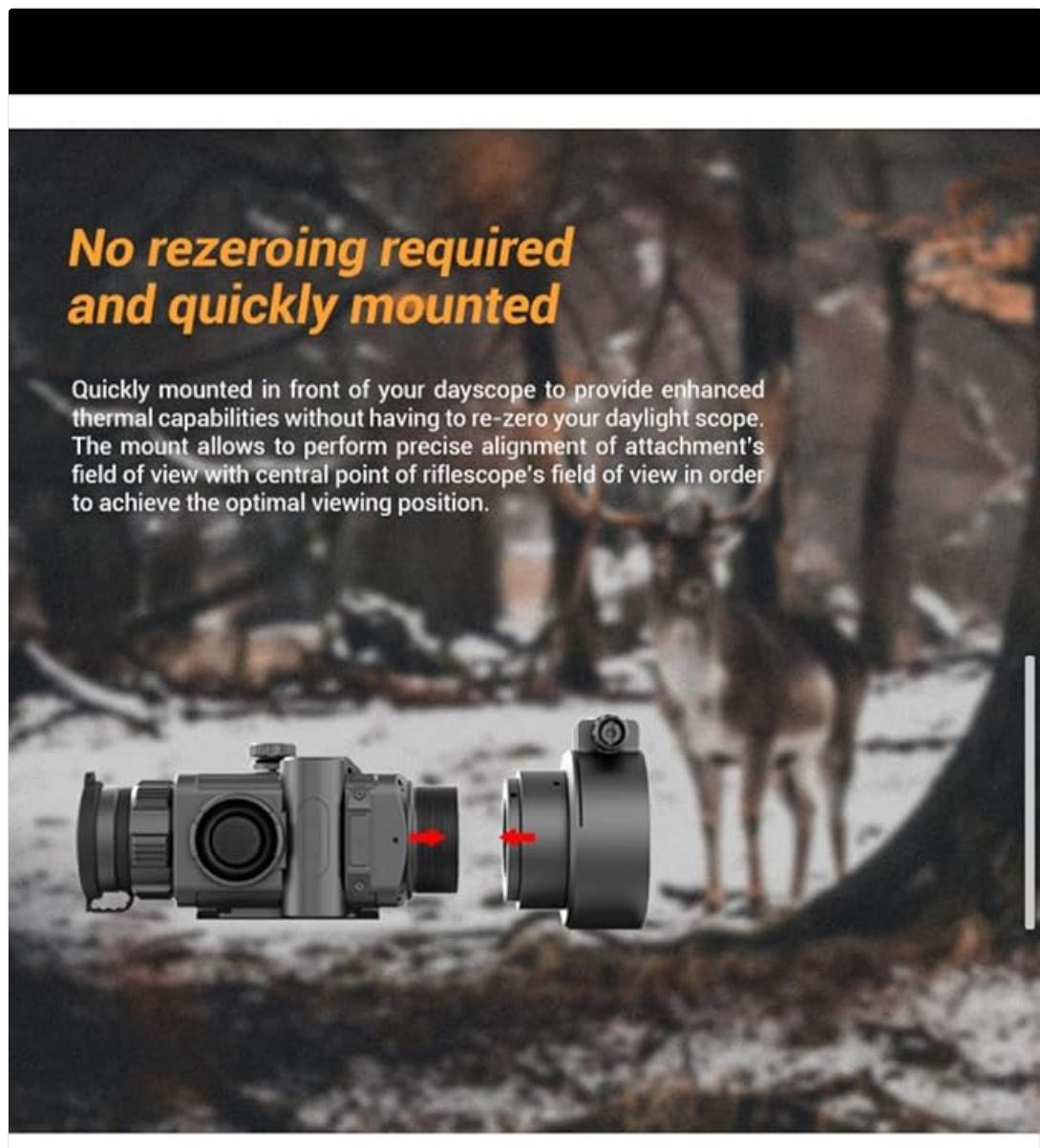
1 MOA Accuracy

1 MOA Accuracy

With precise optical design and thermal alignment software, ARTEMIS offers super accuracy.

This image illustrates several key features: IP67 waterproof rating (protection from heavy rainfall and submersion up to 1 meter for 30 minutes), 1200G shock resistance (suitable for various rifle calibers), selectable image modes (Smooth and Enhance for optimal viewing), detailed detection range capabilities, quick and easy mounting without re-zeroing, and 1 MOA accuracy for precise optical alignment.

2. SETUP

2.1 Battery Installation

The Artemis 35 uses two 18500 external batteries. To install, locate the battery compartment cap (refer to Product Overview image, part 3), unscrew it, insert the batteries with the correct polarity, and securely close the cap.

2.2 Mounting the Device

The Artemis 35 is designed as a clip-on attachment for daytime scopes. It can be quickly mounted in front of your existing day scope. The precise optical design and thermal alignment software ensure that no re-zeroing is required after attachment, allowing for immediate use.

3. Operating Instructions

3.1 Power On/Off and Standby Mode

To power on the device, press and hold the power button. To enter standby mode, simply press the power button once. This conserves power when the device is not in active use and allows for quick reactivation.

3.2 Navigation and Menu

The device features a joystick control for easy navigation through menus and settings. The user-friendly interface displays icons in a circular arrangement for intuitive selection of options.

3.3 Image Modes and Palettes

The Artemis 35 offers multiple image modes, including 'Smooth' and 'Enhance', to optimize image quality based on environmental conditions. It also provides 6-color palettes (BlackHot, WhiteHot, RedHot, Glowbow, ColdGreen, Rainbow) for different personal preferences and situations.

3.4 Wi-Fi Connectivity and Recording

Utilize the built-in Wi-Fi module to connect the Artemis 35 to your mobile device via the dedicated app. This allows for real-time viewing of footage and saving images/videos. The device has 32GB of internal memory for recording.

4. Maintenance

4.1 Cleaning

Use a soft, lint-free cloth to clean the lens and body of the monocular. For stubborn dirt, a slightly dampened cloth with water or a mild lens cleaning solution can be used. Avoid abrasive materials or harsh chemicals.

4.2 Battery Care

Ensure batteries are fully charged before extended use. If storing the device for a long period, remove the batteries to prevent leakage and damage.

4.3 Storage

Store the device in a cool, dry place, away from direct sunlight and extreme temperatures. Use the provided protective case or a suitable storage solution to prevent physical damage.

5. Troubleshooting

5.1 Device Not Powering On

- Check if the batteries are correctly installed with the right polarity.
- Ensure the batteries are fully charged.
- Try using a different set of charged batteries.

5.2 Poor Image Quality

- Clean the lens thoroughly.
- Adjust the focus ring.
- Try different image modes and color palettes.
- Ensure there are no obstructions in front of the lens.

5.3 Wi-Fi Connection Issues

- Ensure the Wi-Fi function is enabled on the device.
- Restart both the device and your mobile phone.
- Ensure the mobile app is up to date.
- Check your phone's Wi-Fi settings to ensure it's connected to the device's network.

6. SPECIFICATIONS

Feature	Specification (Artemis 35)
Detector Type	Uncooled Vox
Resolution	384x288
Frame Rate	50Hz
Pixel Pitch	12µm
Spectral Range	8-14µm
NETD	30mk
Objective Lens	35mm/F1.1
Magnification	1X
FOV	7.5°x5.6°
FOV at 100m	13.2m x 10m
Close-up Range	3m
Palettes	BlackHot, WhiteHot, RedHot, Glowbow, ColdGreen, Rainbow
Start Up Time	Less than 3 seconds
Detail Enhancement	Yes
WiFi	Yes
Storage Capacity	32GB
Standby Mode	Yes
Display Type	OLED

Feature	Specification (Artemis 35)
Display Resolution	1024x768
Power Supply	2x18500
External Power Supply	5V micro USB
Charging Interface	Type-C
Working Time with Battery	6.5h+
Weight without Battery	470g
Dimensions	155x69x69mm
Waterproof Rating	IP67
Operating Temperature	-20°C to 50°C
Storage Temperature	-40°C to 60°C
Shock Resistance	1200 G/Ms
Material	Aluminum
Color	Black

7. WARRANTY AND SUPPORT

For information regarding warranty coverage and technical support, please refer to the documentation included with your purchase or contact Conotech customer service directly. Specific warranty terms may vary by region and retailer.

[pdf] User Manual

Artemis ARTEMIS nimax img de by user WiFi Status Palette Screen Brightness Image Mode Language Calibration is adjusted with accuracy from 0 1 mrad to 3 before shipping out The final depends on s rifle scope parallax and shooting distance So offers super alignment 75059 User Manual Produkt ||| ARTEMIS THERMAL FRONT ATTACHMENT Attention Export of Artemis 25/35 models May have export limitatio ... mpatibility Water proof Operating temperature Storage temperature Technical Data Sheet Artemis 25 **Artemis 35** Uncooled Vox 384x288 50Hz 12m 8-14m Less than 35mk 25mm/F1.0 35mm/F1.1 1X 1X 10.6x7...
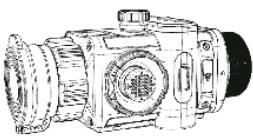
lang:en score:23 filesize: 1.56 M page_count: 23 document date: 2022-01-14