



THE FUTURE
OF OPTICS



6TH

GENERATION

SHARPER, SMARTER, STRONGER



COMPACT SIZE - FULL SCALE PERFORMANCE



ThOR **6** mini

COMPACT THERMAL IMAGING RIFLESCOPE SERIES

CONTACTS

ATN Europe LTD
1588 Sofia Bulgaria
ul. "Okolovrasten pat" 456B
Inter Logistic Park

+359 32570140

sales@atneu.com

atneu.com

ThOR 6 mini

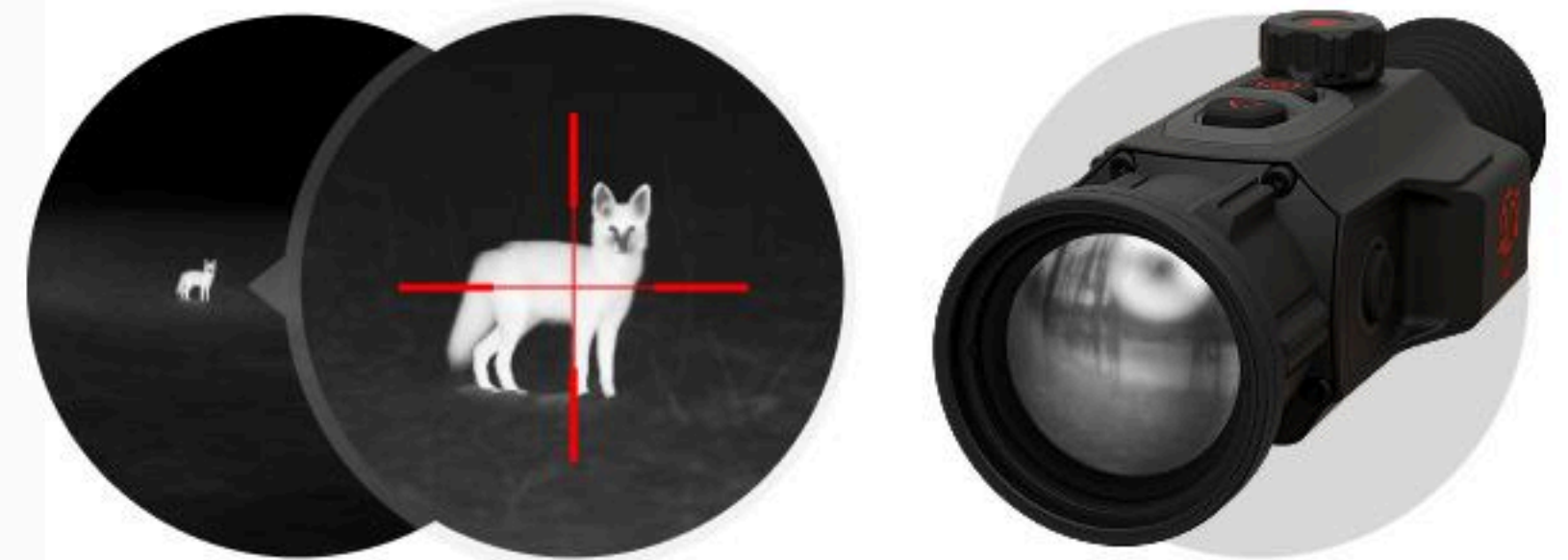
PRODUCT OVERVIEW



The **ATN ThOR 6 Mini** strikes the perfect balance between lightweight mobility and full-scale thermal performance. Built for hunters who value speed, precision, and reliability, this compact scope delivers high-quality imaging, smart functionality, and rugged durability in a streamlined design that won't weigh you down in the field.

Powered by ATN's all-new **6th Generation thermal engine**, the most advanced we have ever built, it delivers crisp, detailed thermal imagery whether you are stalking hogs through heavy brush, tracking coyotes at a distance, or locking onto varmints across open fields. Day or night, through darkness, fog, or thick cover, the ThOR 6 Mini keeps you locked in and ready.

Now available in three thermal sensor options: **256×192 resolution with a ≤20mK NETD enhanced-sensitivity sensor, or 384×288 and 640×512 resolutions with ≤18mK NETD high-sensitivity sensors** — all built on a 12μm pixel pitch. This lineup gives you the flexibility to choose the right performance for your needs and budget. Whether you want a lightweight entry into thermal or a high-resolution powerhouse for maximum detection range and clarity, there is a ThOR 6 mini for every style of hunt.



To push image quality even further, the ThOR 6 mini features **SharpIR® AI-enhanced imaging technology**. This proprietary system dynamically sharpens your view in real time, improving edge definition, contrast, and target clarity in cluttered terrain or difficult environments. The **256×192** model includes a **0.32-inch OLED display with 800×600** resolution, while the **384×288** and **640×512** models are equipped with a larger **0.49-inch OLED display at 1920×1080** resolution. Together with advanced processing, these displays deliver crisp visuals and smooth target tracking that keep you focused when conditions get tough.

Hunters also get access to advanced tools like **Picture-in-Picture (PIP)** for zoomed precision without losing field awareness, **Hot Point Tracking** to instantly highlight the hottest target in view, and **Reticle Transparency Control** for an unobstructed sight picture. Built-in **Wi-Fi (Hotspot)** lets you stream and share directly to a mobile device through the ATN Connect 6 app.

Capture every moment without external cards, as photos and videos save directly to internal memory. With an **internal gallery** and **Recoil Activated Video (RAV)**, it is easier than ever to relive and share your best moments with just a few taps.

Backed by ATN's intuitive **3-button controls**, an ultra-efficient battery system, and a rugged **magnesium alloy body**, the ThOR 6 Mini is compact, durable, and ready for the field.

Now backed by a **5-year warranty**, because we know our products are built to perform — and built to last.

ThOR 6 mini is made for hunters who move fast, shoot sharper, and never slow down.

WITH THE THOR 6 MINI, **ATN** DELIVERS THE MOST
POWERFUL COMPACT THERMAL EVER BUILT.

FEATURES

THERMAL PERFORMANCE & IMAGE CLARITY

6TH GEN HIGH THERMAL SENSITIVITY | Precision in Every Shot

Powered by a 12µm thermal core, the ThOR 6 mini comes in three configurations: 256×192 (≤20 mK NETD, Enhanced Sensitivity), 384×288 and 640×512 (≤18 mK NETD, High Sensitivity). This gives you the flexibility to choose the resolution that matches your hunting style, environment, and engagement range. Whether you're scanning wide-open fields or weaving through dense brush, the advanced NETD ratings reveal even the faintest heat signatures—like a hog bedded in cover or a coyote slipping through early morning fog. Expect higher contrast, sharper detail, and faster target acquisition in the harshest conditions. Choose your resolution. Trust your clarity. Own the night.



SHARPIR® AI-IMAGE ENHANCEMENT | Smarter. Sharper. Deadlier.

Powered by ATN's proprietary SharpIR® technology, the ThOR 6 mini uses advanced AI algorithms to enhance image sharpness and clarity in real time. This dynamic processing improves edge definition and target contrast, making it easier to identify heat signatures in cluttered or low-visibility environments—like spotting a coyote slipping through brush or picking out hogs hidden in tall grass. You're not just seeing heat—you're seeing defined shapes and crisp movement, giving you the confidence to act fast and shoot smart.



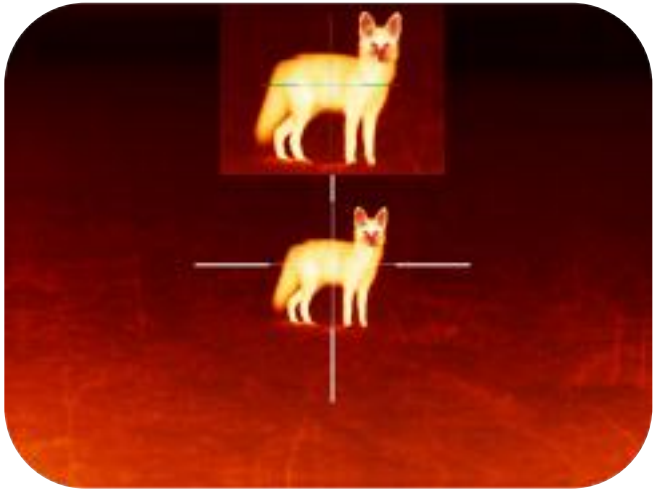
HIGH-RESOLUTION OLED DISPLAY | Sharp Visuals. Smarter Engagement.

The ThOR 6 mini features OLED displays tuned to each model's performance. The 256×192 uses a 0.32-inch, 800×600 display, while the 384×288 and 640×512 models include a larger 0.49-inch, 1920×1080 screen for sharper clarity and deeper contrast. OLED technology delivers true blacks, vibrant highlights, and fast response times, reducing eye fatigue and helping you lock onto targets faster in any condition. Compact, clear, and built for action.



PICTURE-IN-PICTURE (PIP) | Zoom With Precision. Hunt With Awareness.

Lock in on your target without ever losing sight of your surroundings. PIP mode lets you zoom in for pinpoint accuracy while keeping a secondary wide-view window active. Whether you're lining up a coyote at 200 yards or tracking hogs across a field, you get the magnified detail you need without sacrificing the awareness that keeps you in control. It's fast, intuitive, and built for real hunters in real conditions.



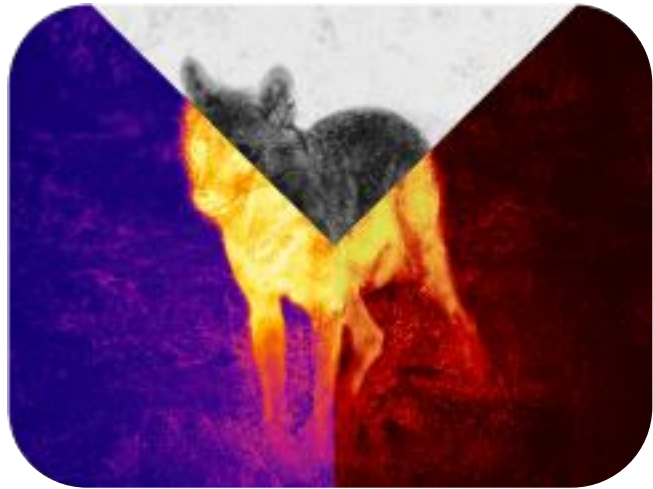
HOT POINT TRACKING | Find the Heat. Fast.

Quickly identify the hottest object in your field of view without scanning or second-guessing. Whether you're tracking hogs through thick brush, spotting coyotes at last light, or scanning for movement in open fields, Hot Point Tracking highlights heat signatures instantly, even in low-contrast or cluttered environments. It's your shortcut to faster target acquisition and better shot timing, especially when every second counts.



MULTIPLE COLOR MODES | Adapt to Any Environment

Tailor your thermal view to match your surroundings with six distinct color palettes: White Hot, Black Hot, Iron Red, Alarm, Green Hot, and Sepia. Each mode is purpose-built to enhance contrast and visibility in different terrains and lighting conditions, whether you're scanning open fields, navigating dense brush, or hunting in total darkness. Quickly switch between modes to highlight heat signatures with maximum clarity and gain the edge when conditions shift. More control. Better contrast. Every time.



RETICLE TRANSPARENCY CONTROL | Aim Without Obstruction

Fine-tune your reticle's visibility to match the terrain and lighting conditions. Whether you're aiming against a bright heat signature, scanning in dense brush, or tracking in open fields, adjustable reticle transparency helps you maintain a clear sight picture without losing your point of aim. It's the perfect balance of focus and flexibility, so you never lose your target behind your reticle when it matters most.



FEATURES

(CONTINUED)

RECORDING, CONNECTIVITY & STORAGE



VIDEO & AUDIO RECORDING | Relive the Hunt

Capture every moment of your hunt with crisp video and audio. The built-in microphone and 64 GB of internal storage let you record every shot, call, and movement without fumbling with SD cards or worrying about lost footage. Whether you're reviewing a perfect takedown, watching how the herd reacted, or sharing the action back at camp, your footage is always saved straight to the scope. And when it's time to transfer, just plug in via USB-C and you're ready to go. Simple. Reliable. Built for the field.



RECOIL ACTIVATED VIDEO (RAV) | Capture the Kill Without Lifting a Finger

With RAV, you'll automatically record the shot that matters most without ever taking your eye off the target. This smart feature captures up to 10 seconds before and 10 seconds after the recoil, locking in the exact moment of impact with no button presses, no distractions, and no second chances missed. Whether it's that once-in-a-season takedown or a textbook stalk, your kill shot is saved right in the middle, clean, crisp, and hands free. Just focus on the hunt. RAV handles the rest.



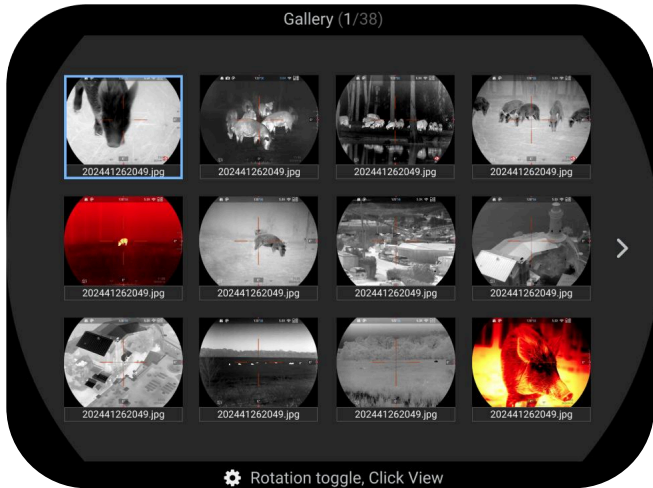
BUILT-IN WI-FI CONNECTIVITY | Link Up. Level Up.

With built-in Wi-Fi, your scope connects directly to a smartphone or tablet via the ATN app with no cables and no internet required. Use your mobile device as a live viewfinder, instantly replay your shots, or let a hunting partner watch the action unfold in real time. It's also a powerful tool for teaching the next generation of hunters, letting you guide new shooters through proper form, target acquisition, and ethical shot placement without them pulling the trigger. Whether you're in the field or on the range, Wi-Fi adds a whole new layer of connection, confidence, and control.



INTERNAL GALLERY | Instant Playback in the Field

Access your saved photos and videos directly from the device with no cables, no cards, and no extra gear. Whether you're checking shot placement, reviewing footage with a buddy at camp, or double-checking a target before packing out, everything is right at your fingertips. The internal gallery makes it easy to replay, relive, or confirm the moment right then and there.



INTERNAL MEMORY | Leave the SD Cards at Home

No cards. No swapping. No stress. With 64 GB of internal storage, your footage is always ready to roll, automatically saved right to the device. Record your entire hunt without worrying about lost files or missing memory. Whether you're replaying that perfect shot, tracking how the herd moved, or showing off back at camp, everything is stored safely and ready when you are. And when it's time to transfer, just plug in with USB-C and you're done. One less thing to carry. One less thing to worry about.



FEATURES

(CONTINUED)

EASE OF USE & CONTROL

✓ MULTIPLE WEAPON PROFILES | One Optic. Total Flexibility.

The ThOR 6 mini lets you store up to 5 custom weapon profiles, so you can easily move the optic between rifles, calibers, airguns, or even a crossbow without needing to rezero each time. Just select the saved profile that matches your setup, and you're ready to hunt. Whether you're switching from an AR to a bolt gun or gearing up for a different season, this feature gives you the speed and versatility to adapt without slowing down. More setups. Less hassle. Always on target.



🎯 ZEROING FREEZE | Dial In Without the Rush

Take the pressure out of sighting in. With Zeroing Freeze, you can pause the image at the moment of impact and make precise reticle adjustments without trying to hold steady or rush before your shot disappears. Whether you're zeroing at the range, adjusting in the field, or dialing in a new rifle setup, this feature lets you fine-tune your reticle with complete control. No second guessing. No wasted ammo. Just a smoother, faster zero that keeps you focused on the hunt.



🔥 LIGHTWEIGHT & RUGGED | Tough Enough to Go Anywhere

Engineered for mobility and endurance, the ThOR 6 mini delivers pro-grade thermal performance in a compact, lightweight magnesium alloy housing. Weighing under 500 grams, it cuts overall weapon weight for better balance, faster target acquisition, and reduced fatigue. Whether you're tracking hogs on foot, holding steady in tough positions, or carrying your rifle deep into the night, the ThOR 6 mini keeps you light, ready, and unstoppable.



⌨️ STREAMLINED 3-BUTTON CONTROL | Simpler. Faster. Hunt-Ready.

The intuitive 3-button layout makes navigating menus and adjusting settings quick and effortless, even in low light or with gloves on. Whether you're making fast changes in the heat of the moment or fine-tuning your setup on the fly, this streamlined interface keeps you focused on the hunt, not the controls. No confusion. No delays. Just dialed in performance when it counts.



🔋 FIELD-READY BATTERY | Swap and Go

Powered by a single high-capacity 18650 rechargeable battery, the ThOR 6 mini delivers serious endurance in a compact frame. The 256x192 model runs for up to ~8 hours, while the 384x288 and 640x512 versions offer around ~7 hours of continuous operation. With its replaceable design, you can swap batteries in seconds, ideal for long hunts, extended tracking, or overnight setups where power and reliability cannot be compromised.



THE POWER BEHIND 6th GENERATION



- SHARPER VISION
- SMARTER PERFORMANCE
- STRONGER DESIGN

SHARPER:

At the heart of 6th Generation is ATN's revolutionary, proprietary SharpIR® AI-enhancement — redefining what thermal clarity can be. This cutting-edge technology scans and optimizes every pixel in real time, sharpening heat signatures with unmatched precision. **The result? You see more. Faster. Farther. And with detail that was once impossible.**

SMARTER:

Built on a next-gen processing platform and powered by state-of-the-art components, 6th Generation unlocks the next wave of intelligent features and adaptive performance — designed to meet the evolving demands of modern hunters, professionals, and tactical operators. **It works as smart as you do — giving you the edge when it counts.**

STRONGER:

6th Generation represents a major leap in rugged durability and long-term reliability. With improved thermal regulation, upgraded high-transmission optics, lower power draw, and quick responsiveness — all wrapped in a hardened, shockproof housing built for field abuse. **This isn't just progress. It's what we do best.**

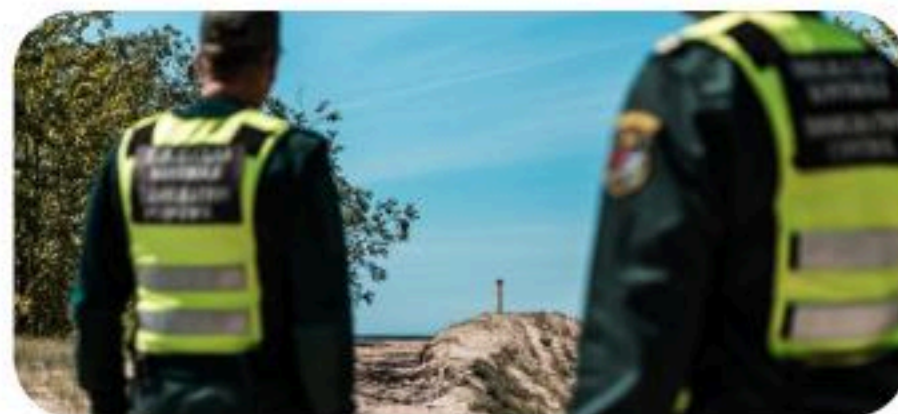
BUILT FOR THIS:

PREDATOR & NUISANCE HUNTING



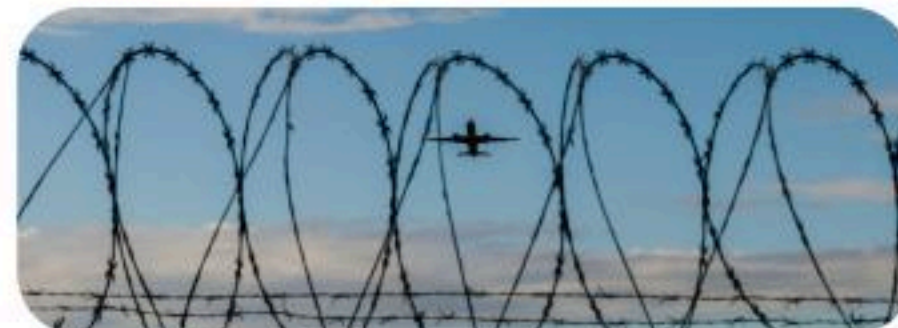
Thermal riflescopes are an essential tool for predator and nuisance hunting, especially when dealing with elusive or nocturnal species like coyotes, hogs, or varmints. Unlike traditional optics, thermal scopes detect heat signatures, allowing hunters to spot animals regardless of lighting conditions or camouflage. Whether you're protecting livestock, managing invasive populations, or keeping property safe, thermal vision gives you the edge to detect, track, and respond—day or night, through brush, fog, or total darkness.

TACTICAL & LAW ENFORCEMENT



Thermal riflescopes provide critical situational awareness in low-visibility environments, making them a powerful asset for law enforcement and tactical teams. Whether conducting surveillance, clearing a structure, or tracking suspects through darkness or dense terrain, thermal imaging helps operators detect hidden threats, heat signatures, or recent activity with speed and accuracy. Unlike night vision, thermal doesn't rely on ambient light—giving officers a reliable tool for day or night operations, even in smoke, fog, or complete blackout conditions.

BORDER PATROL & ANTI-POACHING OPERATIONS



Thermal riflescopes play a critical role in securing remote areas where visibility is limited and threats can appear without warning. Whether patrolling borders to detect unauthorized crossings or monitoring wildlife reserves to intercept poachers, thermal imaging allows operators to identify human or animal heat signatures from long distances—day or night, in dense terrain or complete darkness. With rugged reliability and 24/7 detection capability, thermal optics give teams the advantage they need to protect territory, enforce laws, and respond decisively in high-risk environments.

INCLUDED IN THE BOX



ATN THOR 6 MINI



MOUNT



LENS CLOTH



1*18650 BATTERY



USB TYPE-C CABLE



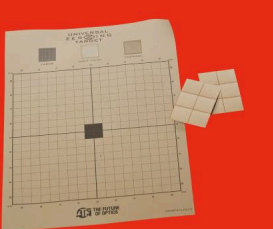
QUICK START GUIDE
USER MANUAL



BATTERY CHARGER



PORTABLE BAG



HEATED TARGET
FOR ZEROING

SPECIFICATIONS 1/2

	ThOR 6 mini 215	ThOR 6 mini 225	ThOR 6 mini 325	ThOR 6 mini 335	ThOR 6 mini 635	ThOR 6 mini 650
Detector Type	12μm VOx Uncooled Focal Plane Array					
Sensor Resolution	256×192	256×192	384×288	384×288	640×512	640×512
Refresh Rate	50 Hz					
Thermal Sensitivity (NETD)	≤20mK		≤18mK		≤18mK	
SharpIR©	Yes					
Non-Uniformity Correction (NUC)	Auto / Semi Auto / Manual					
Lens System	15 mm (Ge); F/1.0	25 mm (Ge); F/1.0	25 mm (Ge); F/1.0	35 mm (Ge); F/1.0	35 mm (Ge); F/1.0	50 mm (Ge); F/1.0
Field of View (HxV)	11.7° × 8.8°	7.0° × 5.3°	10.5° × 7.9°	7.5° × 5.7°	12.5° × 10.0°	8.8° × 7.0°
Focus Mechanism	Manual, Front Lens Adjustment					
Magnification	2-16×	3.5-28×	2.5-20×	3.5-28×	2-16×	3-24×
Digital Zoom	1x, 2x, 4x, 8x					
Zoom Type	Step & Smooth Zoom					
Detection Range	1200 m	1500 m	2300 m	2710 m	3000 m	3500 m
Display Resolution	0.32" OLED, 800×600 Resolution	0.32" OLED, 800×600 Resolution	0.49" OLED, 1920×1080 Resolution	0.49" OLED, 1920×1080 Resolution	0.49" OLED, 1920×1080 Resolution	0.49" OLED, 1920×1080 Resolution
Picture-in-Picture (PIP)	Yes					
Reticle Types	10 Styles					
Zeroing Freeze	Yes					
Color Palettes	White Hot, Black Hot, Iron Red, Alarm, Green Hot, Sepia					
Eye Relief	50 mm					
Diopter Range	-5 to +5 D					
Battery Type	1 × 18650 Rechargeable (Replaceable)					
Battery Life	~8 hrs	~8 hrs	~7 hrs	~7 hrs	~7 hrs	~7 hrs

*Specifications subject to change without notice.

SPECIFICATIONS 2/2

	ThOR 6 mini 215	ThOR 6 mini 225	ThOR 6 mini 325	ThOR 6 mini 335	ThOR 6 mini 635	ThOR 6 mini 650
Supports External Power Supply	Yes, USB Type-C (5 VDC / 2A)					
Internal Storage	64 GB					
Video / Audio Recording	Yes					
Geomagnetic + Gyroscope	Yes					
Hot Point Tracking	Yes					
Reticle Transparency Control	Yes					
Internal Gallery	Yes					
Recoil Activated Video (RAV)	Yes					
Standby / Sleep Mode	Yes					
Start Up Time	<7 seconds (instant from Standby)					
Media Output	USB Type-C					
Built-in Wi-Fi (Hotspot)	Yes					
App (Apple Store / Google Play)	Yes (ATN Connect 6 – iOS & Android)					
Material	Magnesium Alloy					
Mounting	Picatinny Rail					
Weight	500 g	528 g	528 g	540 g	540 g	580 g
Dimensions (L x W x H)	180×65×65 mm	180×65×65 mm	180×65×65 mm	190×65×65 mm	190×65×65 mm	200×65×65 mm
Max Recoil Rating	6000 Joules / 1000g acceleration over 0.4 ms					
Working Temperature	-30°C to +55°C					
Waterproof / IP Rating	IP67					
Warranty	5 years					

*Specifications subject to change without notice.