



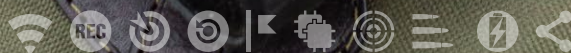
# THE FUTURE OF OPTICS

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DAY:  
NIGHT:  
THERMAL:

# 2022





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# SMART HD OPTICS

## What are Smart HD Optics?

Smart HD Optics are nothing short of the most advanced electro-optics available.

Smart HD Optics bring the modern technology of smart phones, digital cameras and military electro-optics to the analog sporting optics market, creating a whole new revolutionary sporting optics field! ATN's Smart HD Optics now comprise the majority of our product line from day/night sights, binoculars and spotting scopes to thermal scopes, binoculars and viewers. Each and every one of these devices are powered by the ATN Obsidian Core.

Offering unprecedented features and improved image performance, the Obsidian Core has transformed ATN's product line, and has set a new standard for our industry. The Obsidian Core is a sensor-neutral micro-computer powered by an advanced ARM based processor, that hosts an array of sensors. Utilizing a Full HD (1920x1080) sensor for our day/night systems and either a 640x480 or 384x288 thermal sensor for our new HD thermal line of products. The Obsidian Core creates a uniform platform for our Smart HD devices.

Our all new Smart HD systems offer you many of the same features and functions you are now familiar with from our other SMART HD product lines. Utilizing the same intuitive UI (User Interface) and mobile Obsidian app platform. Once familiar with one of our Smart HD devices, using any other device is simple. All our smart systems offer high definition onboard video recording and photo capture; making sharing your experiences a breeze. Plenty of processing power, also means that these systems offer new and improved image quality and performance. And since now all our new scopes are powered by the Obsidian Core, we can pass on the savings and make our products more affordable.



# ULTRA HD OPTICS

ATN is proud to deliver the next generation in innovation. Ultra HD Optics offers you image quality never before seen in digital optics. ATN's new 4K "True Color" Sensor is capable of capturing crisp clear images at the furthest ranges with increased color resolution and smooth gradations from darkness to light. All 4th Gen Optics have been redesigned to meet strict 600 lp/mm specifications to match our 4K sensor performance. The new Dual Core Processor that drives our core allows for faster response, higher FPS rate, better streaming, and the use of a multitude of new image processing techniques.

The next several pages will help familiarize you with just some of the amazing features the new Smart HD Optics have to offer.

## THE FUTURE OF OPTICS IS HERE!

\* For more details see [www.atncorp.com](http://www.atncorp.com)



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# X-SIGHT LTV SERIES

## DAY & NIGHT DIGITAL RIFLE SCOPES



- DAY/NIGHT MODE
- RECORD HD VIDEO
- MULTIPLE RETICLES
- 3D GYROSCOPE
- LONG LASTING INTERNAL BATTERY

### DESCRIPTION

The latest in ATNs HD Optics. The ATN X-Sight LTV scopes are powered by the new revolutionary ATN Obsidian LT Core that is optimized for low power consumption, in a small and ergonomic form factor. Vivid and crisp clarity during the day. Plus, amazing night time performance, delivered by the new QHD+ sensor. Which ATN customers have come to expect and rely on. We have slimmed down the feature offering in this model. Giving the user a simple no frills experience with a price point that's hard to beat. Record HD Videos, get on target fast with our One Shot Zero, hunt all night with a 10+ hour battery life. Mount on any platform with standard 30 mm rings. ATN X-Sight LTV — The digital scope for the masses.

### SPECIFICATIONS

	X-Sight LTV 3-9x	X-Sight LTV 5-15x
Item #	DGWSXS309LTV	DGWSXS515LTV
Lens	30 mm	50 mm
Magnification	3-9x	5-15x
Sensor	ATN QHD+ M584 Sensor	
Sensor Resolution	2688 x1944 @ 60 fps	
Core	ATN Obsidian LT Core	
Micro Display	1280x720 px	
Eye relief	90 mm	
3D Gyroscope	Yes	
3D Accelerometer	Yes	
Night Vision Mode	Yes	
Video Record	Yes	
Reticles	Multiple Patterns	
Video Record Resolution	1280x720	
Micro SD Card	4 Gb to 64 Gb	
USB, type C	Charging Port	
Mount	30 mm Standard Rings (included)	
IR Illuminator	Included	
Battery life (Li-ion)	≈ 10 hrs	
Battery type	Internal Lithium Ion Battery	
Waterproof rating / IP rating	Weather resistant	
Dimensions (body only)	12.2"x2.2"x2.2" / 310x55x55 mm	13"x2.2"x2.2" / 330x55x55 mm
Weight	1.6 lb / 745 g	1.7 lb / 780 g
Warranty	2 years	

\*Specifications subject to change without notice.

### IMAGE QUALITY

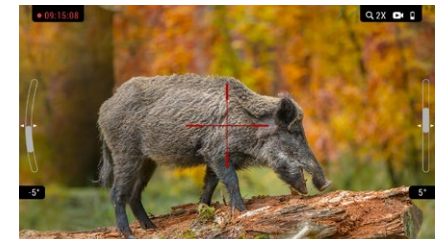
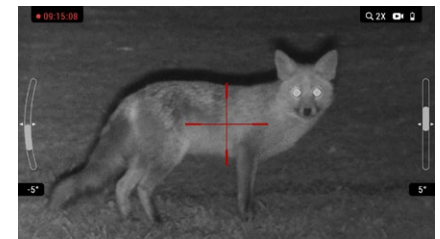


Using the new ATN QHD+ M584 Sensor with a resolution of 2688x1944 the X-Sight LTV produces and incredibly vivid and crisp image both Day and Night.

### RECORD HD VIDEO



The X-Sight LTV records in stunning HD quality all your latest adventures no matter the time of day or night. Giving you a simple yet powerful scope that records hours of video on to a removable micro SD card.



\* scope view



## X-SIGHT 4K PRO SERIES DAY & NIGHT SMART HD RIFLE SCOPES



- HD VIDEO WITH 30/60/120 FPS
- BALLISTIC CALCULATOR
- RECOIL ACTIVATED VIDEO (RAV)
- SMART RANGEFINDER
- SMART MIL DOT RETICLE
- SHARE ON SOCIAL MEDIA
- ONE SHOT ZERO
- ULTRA LOW POWER CONSUMPTION
- PROFILE MANAGER

### DESCRIPTION

For the best night vision scope, look no further than the X-Sight 4, the flagship night rifle scope in ATN's lineup. Industry-leading features are packed into one rifle scope, setting it far ahead of others in its class. The appearance is familiar, resembling a standard night vision scope, but technologically advanced with an Ultra HD sensor for crisp images in Day and Night modes. Ultra-low power consumption enables users to run the scope for up to 18 hours of continuous use. The X-Sight 4 also features a smart range finder, making it easy to gauge how far a target is.

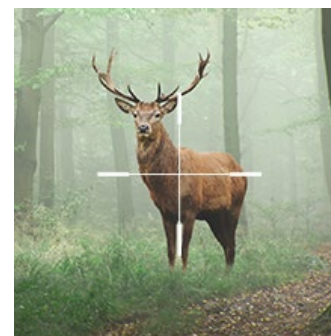
### SPECIFICATIONS

	X-Sight 4K Pro 3-14x	X-Sight 4K Pro 5-20x
Item #	DGWSXS3144KP	DGWSXS5204KP
Magnification	3-14x	5-20x
Field of view at 1000 yds	460 ft (9°)	240 ft (5°)
Sensor	ATN 4K M265 Sensor, 3864 (H) x 2218 (V)	
Core	ATN Obsidian IV Dual Core	
System Resolution	600 lp/mm	
Micro Display	1280x720 HD Display	
Eye relief	90 mm	
Video Record Resolution	1080p @ 30/60/120 fps**	
Ballistic Calculator	Yes	
WiFi (Streaming, Gallery, & Controls)	iOS & Android	
Night Vision Mode	Yes	
Reticles	Multiple Patterns & Color Options	
Micro SD card	4 to 64 GB	
USB, type C	Yes	
Mount	30 mm Standard Rings	
IR Illuminator	Included	
Battery life (Liion)	18+ hrs	
Battery type	Internal Lithium Ion Battery	
Waterproof rating / IP rating	Weather resistant	
Dimensions (body only)	13.8"×3"×3" / 350×76×76 mm	14.9"×3"×3" / 379×76×76 mm
Weight	2.1 lb / 0.94 kg	2.2 lb / 1.01 kg
Warranty	2 years	

\*Specifications subject to change without notice.

\*\*When choosing to use this option, the incorporation of your widgets are absent. Widgets would include reticle, time stamp, and logo that are added during video processing.

### IMAGE QUALITY



4K Ultra HD technology, combined with our cutting edge Dual Core Processor, gives you unsurpassed image quality with richer and more vivid color tones. Providing the end user with a visual experience like no other.

### RECORD HD VIDEO



This feature gives you the opportunity to capture your experiences in 1080p full HD. Using an SD card allows you to record your adventures without any additional USB cables. Never missing a chance to catch your moment on video.

### OPTIONAL ACCESSORIES



ATN X-TRAC  
Remote Control



AUXILIARY BALLISTIC LASER  
Rangefinder Series



ATN X-Sound



ATN IR 850 Pro  
IR Illuminator



ATN WEAPON  
BATTERY PACK



ATN QUICK  
DETACH MOUNT



# THOR LT SERIES THERMAL RIFLE SCOPES



- LIGHT WEIGHT
- ERGONOMIC DESIGN
- USB TYPE C
- MULTIPLE RETICLES
- ULTRA LOW POWER CONSUMPTION

## OPTIONAL ACCESSORY

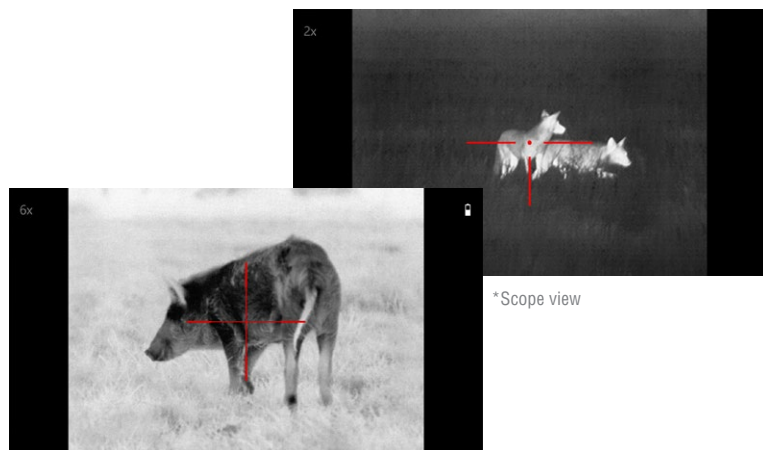


### ATN QUICK DETACH MOUNT

The ATN Quick Detach Mount is a great addition for your ThOR LT. Take advantage of the profile manager of your scope, move it from platform to platform and still retain zero.

## DESCRIPTION

ATN's ThOR LT is a production series comprised of a lightweight thermal rifle scope design fit for close range action. It's a fairly affordable infrared scope made to ensure even the average rifle enthusiast gets to enjoy ATN's modern hunting technologies. It's produced in both 3-6x and 4-8x working configurations. The ThOR LT thermal scope has a 10-hour battery life, meaning that it can be used continuously throughout a whole day or a night before recharge is needed. It also provides One Shot Zero functionality with Multiple Reticle Patterns and can be mounted on any available standard 30-mm ring. This particular thermal scope series is part of ATN's growing product base of highly effective night vision and thermal optics, and it's designed for easy and simple use. Anyone with a rough idea of how a thermal rifle scope works can operate the ThOR LT with notable ease.



\*Scope view

## SPECIFICATIONS

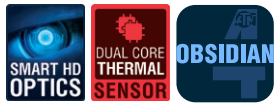
	ThOR LT 160			ThOR LT 320			
Item #	TIWSTLT136X	TIWSTLT148X	TIWSTLT150X	TIWSTLT319X	TIWSTLT325X	TIWSTLT335X	TIWSTLT350X
Objective lens	19 mm	25 mm	35 mm	19 mm	25 mm	35 mm	50 mm
Resolution	160x120 px 17 µm 60 Hz			320x240 px 12 µm 60 Hz			
Magnification	3-6x	4-8x	5-10x	2-4x	3-6x	4-8x	5-10x
Field of view	8.1°x6.2°	6.2°x4.7°	4.6°x3.3°	11.6°x8.7°	8.8°x6.6°	6.3°x4.7°	4.4°x3.3°
Display Resolution	1280x720 px						
Eye relief	90 mm						
3D Accelerometer	Yes						
Color modes	White Hot / Black Hot						
Reticles	Multiple Patterns						
USB, type C	Charging						
Mount	30 mm Standard Rings (not included)						
Battery life (Li-ion)	10+ hrs						
IP rating	Weather resistant						
Human Detection Range	475 m	625 m	995 m	715 m	910 m	1510 m	1620 m
Human Recognition Range	240 m	315 m	465 m	305 m	455 m	680 m	710 m
Human Identification Range	160 m	210 m	285 m	200 m	290 m	400 m	415 m
Operating Temperature	-20°F to +120°F / -28°C to 48°C						
Dimensions	292x56x55 mm / 11.5" x 2.2" x 2.2"						
Weight	1.4 lb / 650 g						
Warranty	3 years						

\*Specifications subject to change without notice



# THOR 4 SERIES

## THERMAL SMART HD RIFLE SCOPES



### OPTIONAL ACCESSORIES



ATN WEAPON  
BATTERY PACK



AUXILIARY BALLISTIC LASER  
Rangefinder Series



ATN X-SOUND

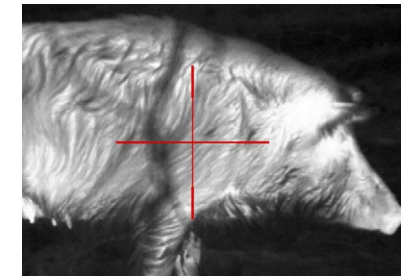


ATN X-TRAC  
Remote Control



ATN QUICK  
DETACH MOUNT

### IMAGE QUALITY



By combining Cutting-Edge thermal technology with our Dual Core Processor, we are able to deliver unsurpassed image quality. Giving the end user a visual experience like no other.

- 🔍 BALLISTIC CALCULATOR
- 📹 RECOIL ACTIVATED VIDEO (RAV)
- 📶 SMART RANGEFINDER
- 🧭 E-COMPASS
- 🎯 SMART MIL DOT RETICLE
- 📱 SHARE ON SOCIAL MEDIA
- 🎯 ONE SHOT ZERO
- 🔋 ULTRA LOW POWER CONSUMPTION
- 📁 PROFILE MANAGER

### DESCRIPTION

As the flagship thermal rifle scope in ATN's line-up, the ThOR 4 is designed for the professional hunter who wants superior functionality. The thermal scope comes loaded with industry-leading features, setting it far above others in its class. The infrared scope has up to 16 hours of battery life while its 4th generation thermal sensor achieves superior performance and supports dynamic range conditions. A smart range finder allows users to easily gauge distances to their target. The ThOR 4 thermal imaging scope for hunting also comes with video recording, WiFi, and Bluetooth capabilities to make sharing captures of your perfect hunt a breeze.

### SPECIFICATIONS

	ThOR 4 384 1.25-5x	ThOR 4 384 2-8x	ThOR 4 384 4.5-18x	ThOR 4 384 7-28x	ThOR 4 640 1-8x	ThOR 4 640 1.5-15x	ThOR 4 640 2.5-25x	ThOR 4 640 4-40x
Item #	TIWST4381A	TIWST4382A	TIWST4384A	TIWST4387A	TIWST4641A	TIWST4642A	TIWST4643A	TIWST4644A
Sensor	Gen 4 384x288				Gen 4 640x480			
Magnification	1.25-5x	2-8x	4.5-18x	7-28x	1-10x	1.5-15x	2.5-25x	4-40x
Field of view	16°×12.5°	12°×9.5°	6°×4.7°	5°×3.8°	32°×25°	24°×19°	12.5°×9.7°	8.3°×6.2°
Core	ATN Obsidian IV Dual Core T							
Micro Display	1280x720 HD Display							
Eye relief	90 mm							
Video Record Resolution	1280x960 @ 30/60 fps							
WiFi (Streaming, Gallery, & Controls)	iOS & Android							
RAV (Recoil Activated Video)	Yes							
Reticles	Multiple Patterns & Color Options							
Micro SD card	From 4 to 64 GB							
USB, type C	Yes							
Mount	30 mm Standard Rings (included)							
Internal Lithium Ion Battery	18+ hrs				16+ hrs			
Waterproof rating / IP rating	Weather resistant							
Dimensions	13.1"×3"×3" 332×76×76 mm	13.5"×3"×3" 343×76×76 mm	13.8"×3"×3" 351×76×76 mm	14.8"×3"×3" 375×76×76 mm	13.1"×3"×3" 332×76×76 mm	13.5"×3"×3" 343×76×76 mm	13.8"×3"×3" 351×76×76 mm	14.8"×3"×3" 375×76×76 mm
Weight	1.93 lb / 0.88 kg	2.03 lb / 0.92 kg	2.2 lb / 1.0 kg	2.35 lb / 1.06 kg	1.93 lb / 0.88 kg	2.03 lb / 0.92 kg	2.2 lb / 1.0 kg	2.35 lb / 1.06 kg
Warranty	3 years							
Human Detection Range	750 m	960 m	1800 m	3000 m	830 m	1050 m	1950 m	3300 m
Human Recognition Range	335 m	480 m	720 m	1320 m	350 m	530 m	800 m	1450 m
Human Identification Range	205 m	300 m	430 m	720 m	225 m	330 m	475 m	800 m

\*Specifications subject to change without notice



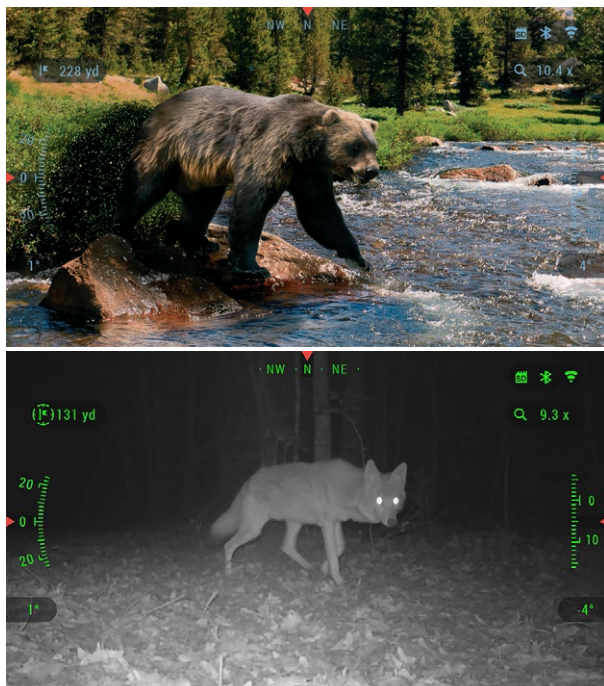
# BINOX 4K 4-16X

## DAY & NIGHT SMART HD BINOCULAR W/ BUILT-IN LASER RANGEFINDER



### IMAGE QUALITY

4K Ultra HD technology, combined with our cutting edge Dual Core Processor, gives you unsurpassed image quality with richer and more vivid color tones. Providing the end user with a visual experience like no other.



\* binocular view

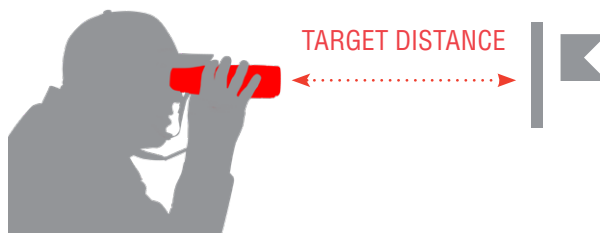
### RECORD HD VIDEO



Make capturing your experiences in stunning 1080p a regular part of your adventures. No more missed opportunities of that once in a lifetime moment. ATN expands the boundaries of Full HD video recording with rich colors and sharp details. Just insert an SD card to shoot your hunting episodes without any additional USB cables. Bring your successes back home and share with friends, family and on social media. Never miss a chance to catch your accomplishments on video.

### LASER RANGEFINDER

The new 4K Sensor was incorporated for better visibility and crisper images, but we didn't stop there. We integrated a Laser Rangefinder, so you now have the ultimate binocular package that has everything you want. Not only do you have the ability to see both day and night at your fingertips, but you now have the ability to range your target with absolute accuracy for dope hold over or know how far you need to trek to your next waypoint.



### DUAL STREAM VIDEO

By incorporating a Dual Core Processor, we are now able to provide a much more enhanced experience. Now, you can Live Stream via WiFi to a mobile device, and record in your binoculars at the same time, without lag or loss of performance.



### SPECIFICATIONS

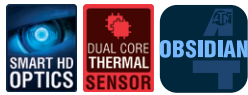
	BinoX 4K 4-16x
Item #	DGBNBN4KLRF
Sensor	ATN 4K M265 Sensor 3864 (H) x 2218 (V)
Magnification	4-16x
Field of view	220 ft
Objective lens	40 mm
Display Resolution	1280x720x2
Interpupillary adjustment range	60-70 mm
Eye relief	10-30 mm
Focus Range	10 ft to infinity
IR illuminator	Yes
Laser Rangefinder	Yes
Video Record Resolution	1080p @ 30/60/120fps**
Precision to	± 1 y/m
Range	5-1000 y/m
IP rating	Weather Resistant
Charging	USB, type C
WiFi (Streaming, Gallery, & Controls)	iOS & Android
Micro SD Card	4 to 64 GB
Battery life (Li-ion)	18+ hrs
Dimensions	9.4" x 5" x 2.6" / 240 x 128 x 67 mm
Weight	2.5 lb / 1.12 kg
Warranty	2 years

\*Specifications subject to change without notice.

\*\*When choosing to use this option, the incorporation of your widgets are absent. Widgets would include reticle, time stamp, and logo that are added during video processing.

# BINOX 4T SERIES

## THERMAL SMART HD BINOCULARS W/ BUILT-IN LASER RANGEFINDER



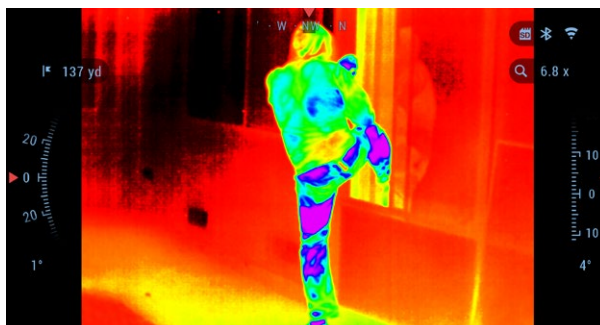
### LASER RANGEFINDER

We integrated a Laser Rangefinder, so you now have the ultimate binocular package that has everything you want. Not only do you have the ability to see both day and night at your fingertips, but you now have the ability to range your target with absolute accuracy for dope hold over or know how far you need to trek to your next waypoint.



### IMAGE QUALITY

By combining Cutting-Edge thermal technology with our Dual Core Processor, we are able to deliver unsurpassed image quality. Giving the end user a visual experience like no other.



\* binocular view

### DUAL STREAM VIDEO

By incorporating a Dual Core Processor, we are now able to provide a much more enhanced experience. Now, you can Live Stream via WiFi to a mobile device, and record in your scope at the same time, without lag or loss of performance.



### SPECIFICATIONS

	BinoX 4T 1.25-5x	BinoX 4T 2-8x	BinoX 4T 4.5-18x	BinoX 4T 1-10x	BinoX 4T 1.5-15x	BinoX 4T 2.5-25x
Item #	TIBNBX4381L	TIBNBX4382L	TIBNBX4384L	TIBNBX4641L	TIBNBX4642L	TIBNBX4643L
Sensor	384x288			640x480		
Magnification	1.25-5x	2-8x	4.5-18x	1-10x	1.5-15x	2.5-25x
Field of view	16°x12.5°	12°x9.5°	6x4.7°	32°x25°	24°x19°	12.5°x9.7°
Display Resolution	1280x720x2 px					
Interpupillary adjustment range	60-70 mm					
Eye relief	10-30 mm					
Focus Range	10 ft to infinity					
Laser Rangefinder	Yes					
Precision to	± 1 y/m					
Range	5-1000 y/m					
Video Record Resolution	1280x960p @ 30/60fps					
IP rating	Weather Resistant					
Charging	USB, type C					
WiFi (Streaming, Gallery, & Controls)	iOS & Android					
Micro SD Card	4 to 64 GB					
Battery life (Li-ion)	15+ hrs					
Human Detection Range	750 m	960 m	1800 m	830 m	1050 m	1950 m
Human Recognition Range	335 m	480 m	720 m	350 m	530 m	800 m
Human Identification Range	205 m	300 m	430 m	225 m	330 m	475 m
Dimensions	9.4" x 5" x 2.6" / 240 x 128 x 67 mm					
Weight	2.5 lb / 1.12 kg					
Warranty	3 years					

\* Specifications subject to change without notice

www.atncorp.com e-mail: sales@atncorp.com, info@atncorp.com



## ODIN LT SERIES THERMAL MONOCULARS



- ATN OBSIDIAN LT CORE
- USB C PORT IN OPTIONAL RECHARGEABLE BATTERY
- STEP ZOOM
- ERGONOMIC DESIGN
- LIGHT WEIGHT

### DESCRIPTION

The ATN ODIN LT has been completely redesigned from top to bottom. This thermal handheld scanner is lighter and ergonomically designed to be hand held or mounted to a helmet or headgear for observation. Slim and ergonomic, fits perfectly in your hand. Using our new Obsidian LT Core and Cutting-Edge sensors for sharp crisp images and extended range. Now you can use single use CR123A batteries or the optional rechargeable battery in this device.

This is one tool you'll want with you at all times. Recovery efforts will seem effortless, finding game will no longer be frustrating or hard to find. Search and Rescue operations will be quicker and more efficient!

### SPECIFICATIONS

	ODIN LT 160 4-8x	ODIN LT 160 6-12x	ODIN LT 160 8-16x	ODIN LT 320 2-4x	ODIN LT 320 3-6x	ODIN LT 320 4-8x
SKU	TIMNODN119X	TIMNODN125X	TIMNODN135X	TIMNODN319X	TIMNODN325X	TIMNODN335X
Objective lens	19 mm	25 mm	35 mm	19 mm	25 mm	35 mm
Resolution	160x120, 60 fps, 12 μm			320x240, 60 fps, 12 μm		
Magnification	4-8x	6-12x	8-16x	2-4x	3-6x	4-8x
Field of view	5.8°x4.4°	4.4°x3.3°	3.2°x2.5°	11.6°x8.7°	8.8°x6.6°	6.3°x4.7°
Core	ATN Obsidian Core LT					
Display Resolution	1280x960 px					
Eye relief	25 mm					
Color modes	White Hot / Black Hot					
Battery type	1 x CR123A (Li-ion)					
Battery life (Li-ion)	2.5 Hrs (or Optional Rechargeable Battery with 5 Hrs of runtime)					
Charging	USB, type C port is on the Optional Rechargeable Battery					
IP rating	Weather resistant					
Human Detection Range	475 m	625 m	940 m	535 m	910 m	1510 m
Human Recognition Range	240 m	315 m	430 m	380 m	455 m	680 m
Human Identification Range	160 m	210 m	280 m	230 m	290 m	340 m
Operating Temperature	-20°F to +120°F / -28°C to 48°C					
Dimensions	5.16"x2.8"x1.81" 131x71x46 mm		5.71"x2.8"x2.01" 145x71x51 mm	5.16"x2.8"x1.81" 131x71x46 mm		5.71"x2.8"x2.01" 145x71x51 mm
Weight	285 g		342 g	285 g		342 g
Warranty	3 years					

\*Specifications subject to change without notice

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## OTS-XLT SERIES HANDHELD THERMAL MONOCULARS



19 mm



25 mm

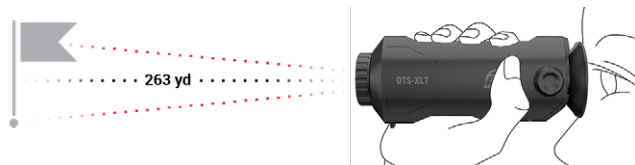
- ERGONOMIC DESIGN
- RANGEFINDER
- RECORD VIDEO
- COLOR MODES
- USB TYPE C

### DESCRIPTION

The handheld thermal monocular is a handheld device for observation, highest temperature target tracking, distance measurement. The high-sensitivity built-in thermal detector provides you with clear view even in total darkness. The device is mainly applied to outdoor scenarios such as patrolling, law enforcement, search and rescue, drug enforcement, anti-smuggling, hiking, travel, and hunting, etc.

### SMART RANGEFINDER

The device can detect the distance between the target and the observation position.



### SPECIFICATIONS

	OTS-XLT 160 2-8x	OTS-XLT 160 2.5-10x
Lens	19 mm	25 mm
Sensor	160x120 px / 17 μm 50 Hz	
Magnification	2 – 8×	2.5 – 10×
Field of view, degrees	8.2×6.2	6.5×4.9
Core	ATN Obsidian Core LT	
Micro Display	720×540 px	
IP rating	IP67	
Charging	USB, type C	
Video Record Resolution	720×576 px	
Internal Storage	8 Gb	
Color modes	White Hot / Black Hot / Red Hot / Color	
Battery life (Li-ion)	≈10 hr	
Operating Temperature	-4°F to +131°F / -20°C to 55°C	
Dimensions	6.85" × 2.63" × 2.08" / 174 × 67 × 53 mm	
Weight	0.81 lb/370 g	
Human Detection Range, m	670	850
Human Recognition Range, m	335	425
Human Identification Range, m	170	210
Warranty	2 years	

\*Specifications subject to change without notice

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### BLACK HOT / WHITE HOT COLOR MODE



\*scope view



# OTS LT SERIES THERMAL MONOCULARS



- ERGONOMIC DESIGN
- ATN OBSIDIAN LT CORE
- LONG LASTING INTERNAL BATTERY
- USB TYPE C

## IMAGE QUALITY



Using our new Obsidian LT Core and Cutting-Edge sensors for sharp crisp images and extended range.

## SPECIFICATIONS

	OTS LT 160		OTS LT 320			
Item #	TIMNOLT136X	TIMNOLT148X	TIMNOLT319X	TIMNOLT325X	TIMNOLT335X	TIMNOLT350X
Lens	19 mm	25 mm	19 mm	25 mm	35 mm	50 mm
Resolution	160x120 px / 17 μm 60 Hz		320x240 px / 12 μm 60 Hz			
Magnification	3-6x	4-8x	2-4x	3-6x	4-8x	6-12x
Field of View	8.1°x6.2°	6.2°x4.7°	11.4°x8.6°	8.8°x6.6°	6.3°x4.7°	4.5°x3°
Display Resolution	1280x960 px					
Eye relief	25 mm					
Color modes	White Hot / Black Hot					
Internal Lithium Ion Battery	10+hr		9+hr			
USB, type C	Charging					
IP rating	Weather resistant					
Human Detection Range	475 m	625 m	535 m	910 m	1510 m	1700 m
Human Recognition Range	240 m	315 m	380 m	455 m	680 m	700 m
Human Identification Range	160 m	210 m	230 m	290 m	340 m	400 m
Operating Temperature	-20°F to +120°F / -28°C to 48°C					
Dimensions	7.7" x 3" x 2.6" / 196x76x66 mm					
Weight	1.2 lb / 560 g					
Warranty	3 Years					



\*scope view

\*Specifications subject to change without notice



# OTS 4T SERIES THERMAL SMART HD MONOCULARS



## CUTTING EDGE DUAL CORE THERMAL SENSOR

We've combined the next generation thermal sensor with our dual core processor giving you the best thermal monocular ever! Join the thermal evolution!

## FEATURES

### IMAGE QUALITY

By combining Cutting-Edge thermal technology with our Dual Core Processor, we are able to deliver unsurpassed image quality. Giving the end user a visual experience like no other.

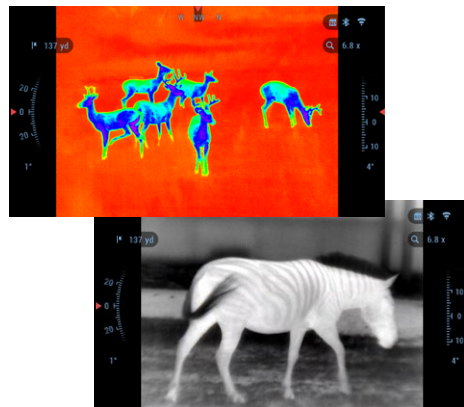
### DUAL STREAM VIDEO

By incorporating a Dual Core Processor, we are now able to provide a much more enhanced experience. Now, you can Live Stream via WiFi to a mobile device, and record in your scope at the same time. Without lag or loss of performance.

### RECORD VIDEO

This feature gives you the opportunity to capture your experiences on video. Using an SD card allows you to record your adventures without any additional USB cables. Never missing a chance to catch your moment on video.

- E-COMPASS
- DUAL CORE PROCESSOR
- SHARE ON SOCIAL MEDIA
- ULTRA LOW POWER CONSUMPTION



## OPTIONAL ACCESSORIES



ABL 1000 LASER RANGEFINDER



ABL 1500 LASER RANGEFINDER

## SPECIFICATIONS

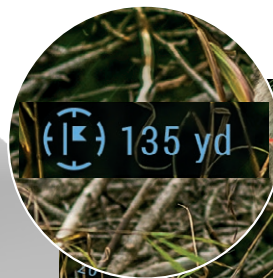
	OTS 4T 384 1.25 - 5x	OTS 4T 384 2 - 8x	OTS 4T 384 4.5 - 18x	OTS 4T 384 7 - 28x	OTS 4T 640 1 - 10x	OTS 4T 640 1.5 - 15x	OTS 4T 640 2.5 - 25x	OTS 4T 640 4 - 40x
# Item	TIMNO4381A	TIMNO4382A	TIMNO4384A	TIMNO4387A	TIMNO4641A	TIMNO4642A	TIMNO4643A	TIMNO4644A
Sensor	Gen 4 - 384x288				Gen 4 - 640x480			
Magnification	1.25 - 5x	2 – 8x	4.5 – 18x	7 – 28x	1 – 10x	1.5 – 15x	2.5 – 25x	4 – 40x
Field of view, degrees	16x12.5	12x9.5	6x4.7	5x3.8	32x25	24x19	12.5x9.7	8.3x6.2
Core	ATN Obsidian IV Dual Core T							
Micro Display	1280x720 HD Display							
Eye relief	25 mm							
Video Record Resolution	1280x960 @ 30/60 fps							
WiFi (Streaming, Gallery, & Controls)	iOS & Android							
Bluetooth	Yes							
3D Gyroscope	Yes							
3D Accelerometer	Yes							
E-Barometer	Yes							
Smart Range Finder	Yes							
Electronic Compass	Yes							
Smooth Zoom	Yes							
Microphone	Yes							
Micro SD card	From 4 to 64 GB							
Micro USB, type C	Yes							
Internal Lithium Ion Battery	18+ hrs				16+ hrs			
Waterproof rating / IP rating	Weather resistant							
Dimensions	8.7"x3.1"x3" 220x80x75 mm	8.7"x3.1"x3" 220x80x75 mm	9.3"x3.1"x3" 235x80x75 mm	10.2"x3.1"x3" 260x80x75 mm	8.7"x3.1"x3" 220x80x75 mm	8.7"x3.1"x3" 220x80x75 mm	9.3"x3.1"x3" 235x80x75 mm	10.2"x3.1"x3" 260x80x75 mm
Weight	850 g / 1.87 lb	850 g / 1.87 lb	875 g / 1.93 lb	900 g / 1.98 lb	850 g / 1.87 lb	850 g / 1.87 lb	875 g / 1.93 lb	900 g / 1.98 lb
Warranty	3 years							
Human Detection Range	750	960	1800	3000	830	1050	1950	3300
Human Recognition Range	335	480	720	1320	350	530	800	1450
Human Identification Range	205	300	430	720	225	330	475	800

\*Specifications subject to change without notice

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# AUXILIARY BALLISTIC LASER 1000/1500 LASER RANGEFINDERS



\*scope view



SENDING DISTANCE  
TO THE BALLISTICS CALCULATOR

## TURN YOUR ATN SMART SIGHT INTO A PRECISE HUNTING MACHINE!

Simple and Quick to attach, the ABL Smart Rangefinder takes just minutes to install. Once active, your ATN Smart Scope's internal Ballistic Calculator will make Instantaneous POI adjustments to your reticle.

**MAKE EVERY SHOT COUNT!**

COMPATIBLE WITH



## SPECIFICATIONS

	ABL 1000 FMG	ABL 1500 FMG
ITEM #	ACMUABL1000	ACMUABL1500
Precision to	± 1 y/m	
Range	5-1000 y/m	5-1500 y/m
Bluetooth	4.1	
Environmental rating	Waterproof	
Pairs with smart HD	Obsidian II or higher	
Smart HD optics compatibility	X-Sight 4K Series, ThOR 4 Series	
Battery life	6 months or 5,000 measurements	
Battery type	1 x CR2 type, 3 V	
Dimensions	4.37" x 3.43" x 2.8" / 111 x 87 x 71 mm	
Weight	0.8 lb / 360 g	
Warranty	2 years	

\*Specifications subject to change without notice



## X-SOUND HEARING PROTECTOR



- BLUETOOTH WIRELESS TECHNOLOGY
- ULTRA-LOW-PROFILE EAR CUPS
- AUDIO INPUT JACK
- INDEPENDENT VOLUME CONTROL
- REPLACEABLE EAR PADS
- TWO HI GAIN OMNI DIRECTIONAL MICROPHONES
- RECESSED VOLUME CONTROL KNOB
- COMPACT FOLDING DESIGN
- EXTERNAL BATTERY DOOR
- ULTRA PADDED HEADBAND
- PAIR TO SMARTPHONE AND MAKE CALLS /LISTEN TO MUSIC

### DESCRIPTION

ATN X-Sound reduces harmful loud noise down to safe levels below 82 dB and enhances clarity of surrounding low level sounds such as conversations and announcements.

The ergonomic volume control knob allows for total adjustment of the two built-in omni directional microphones, while built-in wireless capability enables hands-free calling and music enjoyment. Or, connect a playing device via the 3.5 mm audio jack.

### SPECIFICATIONS

Name	Hearing Protector
Brand	ATN
Model	X-Sound
Item #	ACPROTXSND
Noise Reduction Rating	22 dB
Sound Activated Compression (reaction time)	0.02 s
Battery type	2 x AAA
Battery life	300 hrs
Bluetooth version	5.0
Dimensions	4.9" x 3.7" x 0.5" / 125 x 95 x 13 mm
Weight	0.8 lb / 370 g

\*ATN reserves the right to change the above specifications at any time without notice.



## IR850 PRO

### LONG RANGE INFRA-RED ILLUMINATOR



#### SPECIFICATIONS

Item #	ACMUIR85PR
LED Module	High power emitter with IR850 Pro driver
Lens	Aspherical glass
Material	Constructed using aircraft grade aluminium
Surface	Type III hard anodized with highly durable finish
Waterproof	IPX-8
Battery type	18650 rechargeable, 3.7 V Lithium ion
Dimensions	6.3"x2.13"x0.98" x1.06" / 160x54x25x27 mm
Weight	0.67 lb / 305 g

\*ATN reserves the right to change the above specifications at any time without notice.

## IR850 SUPERNOVA

### EXTREME RANGE INFRA-RED ILLUMINATOR



#### SPECIFICATIONS

Item #	ACMUIR85SN
LED Module	High power emitter with IR850 Xtreme driver
Lens	Aspherical glass
Material	Constructed using aircraft grade aluminium
Surface	Type III hard anodized with highly durable finish
Waterproof	IPX-8
Battery type	18650 rechargeable, 3.7 V Lithium ion
Dimensions	6.93"x2.68"x1.06" / 176x68x27 mm
Weight	0.73 lb / 330 g

\*ATN reserves the right to change the above specifications at any time without notice.

## POWER WEAPON KIT

### 20,000 mAh BATTERY PACK



#### DESCRIPTION

The ATN Extended Power Kit gives you plenty of juice whenever and wherever you need it. Up to 20 hrs of continuous use. Easy to recharge and can power other devices. Designed to be used with the ATN line of Smart HD Optics: X-Sight 4K BH, X-Sight 4K Pro and ThOR 4.

## EXTENDED LIFE BATTERY KIT

### 10,000 mAh BATTERY PACK



#### DESCRIPTION

Don't let yourself be stuck without a functioning unit, because you didn't bring extra batteries to power your device. ATN Extended Life Battery kit can support your binoculars or monoculars for up to 15 hrs. You can use your devices longer and save money and the environment in the process. Enjoy your activities all day long — whether scouting, camping, bird watching, or surveillance. You can even power your none ATN devices, which are compatible with a micro USB. Designed to be used with the ATN line of Smart HD Optics: BinoX 4K and BinoX 4T.

## X-TRAC

### TACTICAL REMOTE ACCESS CONTROL



#### DESCRIPTION

Have all your controls at your fingertips and never get bogged down in a mission critical situation. Six Tactile buttons and a Directional Roller with Touch Feedback gives you precise control over all your features. Using your Ballistic Calculator, Smart Rangefinder, Environmental Adjustments, etc.

## QUICK DETACH MOUNT

### RETAIN ZERO WHEN SWAPPING BETWEEN PLATFORMS



#### DESCRIPTION

The ATN Quick Detach Mount is a great addition for your new X-Sight 4K or ThOR 4. Take advantage of the profile manager of your scope, move it from platform to platform and still retain zero.

## DELUXE BINOCULARS BAG



#### DESCRIPTION

The ATN Deluxe Binoculars Bag is a comfortable and ergonomic bag with plenty of storage space for your BinoX 4K/4T or OTS LT/4T units. Plus have easy access to your device and or needed accessories while in the field. Plenty of pockets and mesh webbing, for cables, batteries, power banks, auxiliary illuminators or cell phone.





THE FUTURE  
OF OPTICS

[www.atncorp.com](http://www.atncorp.com)

2022

DAY •  
NIGHT •  
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