



SMART HD OPTICS

# ThOR-HD 640 2.5-25x THERMAL SMART HD RIFLESCOPE

**ATN** THE FUTURE  
OF OPTICS



## FEATURES

- RECORD HD VIDEO
- WiFi
- SMOOTH ZOOM
- E-COMPASS
- RANGE FINDER
- SHOOTING SOLUTIONS
- OBSIDIAN USER INTERFACE
- BLUETOOTH
- 3D GYROSCOPE
- RECOIL ACTIVATED VIDEO (RAV)

## SPECIFICATIONS

Item #	TIWSTH643A
Sensor	640x480
Magnification	2.5 – 25x
Angle of view	12.5x9.7
Objective lens focal length	50 mm
Micro Display	HD Display
Core	ATN Obsidian “T” II
Eye relief	65 mm
Waterproof rating / IP rating	Weather resistant
Video Record Resolution	1280x960 @ 30 fps
Microphone	Yes
Micro SD card	Up to 64 GB
Micro USB	External Battery Pack
Micro HDMI	Yes
WiFi (Streaming, Gallery, & Controls)	iOS & Android
Bluetooth	4.1
GPS (Geotagging, Elevation, etc.)	Yes
3D Gyroscope	Yes, GS7
3D Accelerometer	Yes
3D Magnetometer	Yes
Gyro Range Finder	Yes

Smart Shooting Solution	Yes
RAV (Recoil Activated Video)	Yes
Electronic Compass	Yes
Smooth Zoom	Yes
Reticles	Multiple Patterns & Color Options
Mount	Picatinny Quick Release Mount, Interchangeable
Compatible mounts	A.R.M.S.® #17® (single lever), A.R.M.S.® #35® (double lever), LaRue LT270, American Defense (AD-170)
Battery life (Li-ion)	8 hr
Battery type	(4) AA (Lithium Recommended)
Dimensions	8.81" x 3.16" x 3.14" / 224x80.26x80 mm
Weight	1.85 lb / 0.84 kg
Warranty	3 years
Human Detection Range	1500
Human Recognition Range	600
Human Identification Range	360

\* Specifications subject to change without notice

## ACCESSORY PACKAGE FOR OTS-HD

ACMUBAT160	Extended life Battery Pack 16000 mAh with usb cable, cap and pouch for gun stock
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## DESCRIPTION

The most technologically advanced line of thermal rifle scopes on the market bar none! The all new Obsidian “T” II Thermal core beats at the heart of our systems. More power, more features, smaller packaging, and lower cost have allowed ATN to make the biggest update to its award winning thermal product line.

Record videos and photos onto a MicroSD card. Never again forget to record that perfect shot with ATN’s patented RAV (Recoil Activated Video). Use ATN’s Smart Range Finder to quickly range in on your target and allow the ballistic calculator to make instantaneous corrections to your POI on the fly. Smooth Zoom, built in Wi-Fi, Bluetooth, 3D Gyroscope, 3D Accelerometer, 3D Magnetometer are but a few of the features and sensors packed into these incredible systems.