



SMART HD OPTICS

# OTS-HD 640 5-50× THERMAL SMART HD MONOCULARS/VIEWER

**ATN** THE FUTURE  
OF OPTICS

## FEATURES

-  **RECORD HD VIDEO**
-  **WiFi**
-  **SMOOTH ZOOM**
-  **E-COMPASS**
-  **GEOTAGGING**
-  **OBSIDIAN USER INTERFACE**
-  **BLUETOOTH**
-  **3D GYROSCOPE**



## SPECIFICATIONS

Item #	TIMNOH645A
Sensor	640×480
Magnification	5 – 50×
Angle of view	6×4.7
Objective lens focal length	100 mm
Micro Display	HD Display
Core	ATN Obsidian “T” II
Eye relief	65 mm
Waterproof rating / IP rating	Weather resistant
Video Record Resolution	1280×960 @ 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
Electronic Compass	Yes
Smooth Zoom	Yes
Battery life (Li-ion)	8 hr
Battery type	(4) AA (Lithium Recommended)
Dimensions	10.67"×3.97"×3.47" 271×101×88 mm
Weight	2.75 lb / 1.24 kg
Warranty	3 years
Human Detection Range	2500
Human Recognition Range	1100
Human Identification Range	600

\* Specifications subject to change without notice

### ACCESSORY PACKAGE FOR OTS-HD

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

OTS series gets its biggest update ever! Now powered by the Obsidian “T2” Core, this thermal monocular has never been so versatile. Finally take photos and videos directly to your MicroSD card. Access the gallery via Wi-Fi and view your video collection through the ATN Obsidian App. Featuring the same powerful sensors and features of the Smart HD family, the OTS sets a whole new standard for thermal monoculars.