

# TUSKIR384 WEAPON SIGHT™

TM

High Performance Multi-Purpose  
Thermal System for Professionals

## TUSKIR384



**384 x 288**

- 60mm Objective (~3X Mag)
- 640 x 480 OLED Display
- 640 x 480 Video Output
- 25µm VOX IR Detector
- Multiple Reticles and Options
- 7 Hour Runtime w/2 Batteries

The NITEHOG TUSKIR384™ is a 384 x 288 Enhanced Multi-Purpose Thermal Weapon Sight for Commercial, Military and Law Enforcement Use

### Ideal for...



Security Missions



Surveillance



MIL-STD-1913  
Rail Systems

- 384 x 288 Pixel Resolution Enhanced Thermal System
- 640 x 480 Video Output and OLED Display with > 2" Eye Relief
- Proven VoX Microbolometer 25µm Detector Technology
- 60mm Objective (~3x Optics) & 2x, 4x Digital Zoom (~6x, 12x Magnified)
- Rugged Alloy, Shock-Rated for Most Common MIL/LE Platforms
- Built for Use on Real Rifle Calibers - 7.62, .300 WinMag, .338 LaPua, etc
- More than 1,100m Detection Range & >350m Recognition Range
- More than 7Hrs Continuous Power with Rechargeable LiOn
- Includes CR123A Battery Pack for >2 Hour Backup Field Power
- Optional 14 Hour Extended Rechargeable LiOn Battery Pack
- Onboard Picture Capture with Built-In Storage for 200 Images
- Includes Video Cables, PC-Connect Cables, Battery Charger and More
- Quick-Detach Mounting System for MIL-STD-1913 Picatinny Rails
- Silent Shutter Mode for Zero-Noise Non-Uniformity Correction
- Video Output Enables Remote Viewing, Recording or Training



ASPECT TECHNOLOGY & EQUIPMENT, INC

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THERMAL-EYE™

High Performance Multi-Purpose  
Thermal System for Professionals

# TUSKIR384™

## SPECIFICATIONS

|                            |                             |  |
|----------------------------|-----------------------------|--|
| SENSOR (FOCAL PLANE ARRAY) | SENSOR MATERIAL             | VOx Microbolometer   |
|                            | SPECTRAL RANGE              | 7-14 $\mu$ m (filter bandwidth)  |
|                            | PIXEL COUNT (RESOLUTION)    | 384 x 288  |
|                            | FRAME RATE                  | 25 Hz  |
|                            | PITCH SIZE                  | 25 $\mu$ m   |
|                            | NON-UNIFORMITY CORRECTION   | Automatic / Manual / Silent  |
|                            | POLARITY                    | White Hot / Black Hot  |
|                            | CONTRAST/BRIGHTNESS         | Automatic with Advanced Image Processing   |
|                            | THERMAL SENSITIVITY         | < 50 mK  |
| OPTICS                     | OBJECTIVE FOCAL LENGTH      | 60 mm  |
|                            | MAGNIFICATION               | 60mm Obj. equates to 3X Optical Magnification<br>2X, 4X DIGITAL eZoom<br>(6X, 12X Magnification with Digital Zoom)                               |
|                            | FIELD OF VIEW               | 9.2° Horizontal x 6.9° Vertical  |
|                            | FOCUS METHOD                | Manual   |
|                            | EYE RELIEF                  | 65 mm (2.6 in)   |
|                            | ACCURACY                    | 1 Click = 30 mm at 100 m (~1 in at 100 yd)   |
| POWER                      | POWER SOURCE                | 2 Rechargeable Lithium Ion Batteries Standard,<br>CR123A Backup Battery Pack Incl. Standard, or<br>Optional Extended 4 Rechargeable Battery Pack |
|                            | OPERATING TIME              | > 7 hours Continuous Std; >14 hours Continuous<br>w/Optional Ext Battery Pack; >2 hours<br>Continuous with CR123A Backup Battery Pack            |
|                            | AUXILIARY POWER OPTION      | 9-30 V DC Vehicle-Supplied Power<br>110/220 V AC Wall Outlet-Supplied Power  |
| FEATURES                   | RETICLE                     | 4 Cross-Hair Types Standard  |
|                            | RETICLE ADJUSTMENTS         | Digital Elevation/Windage (X,Y)  |
|                            | START-UP TIME               | < 5 Seconds  |
| PERFORMANCE                | HUMAN DETECTION RANGE†      | > 1100 m (1200 yd)   |
|                            | HUMAN RECOGNITION RANGE†    | > 360 m (390 yd)   |
|                            | VEHICLE DETECTION RANGE†    | > 2500 m (2700 yd)   |
|                            | VEHICLE RECOGNITION RANGE†  | > 900 m (980 yd)   |
| PHYSICAL                   | OPERATING TEMPERATURES      | -25 °C to 55 °C (-13 °F to 131 °F)   |
|                            | STORAGE TEMPERATURES        | -30 °C to 60 °C (-22 °F to 140 °F)   |
|                            | SIZE (W/O EYECUP) H x W x L | 76 mm x 88 mm x 188 mm (3in x 3.5in x 7.4in)   |
|                            | WEIGHT                      | 1320g (2.9lbs) w/Batteries   |



### TUSKIR384 INCLUDES:

- TUSKIR384 MULTIPURPOSE THERMAL SYSTEM
- LENS CAP, LONG EYECUP AND SHORT EYE GUARD
- SOFT CARRY CASE W/CARRY STRAP
- 4 RECHARGEABLE BATTERIES (2 FULL SETS)
- BATTERY CHARGER
- LENS CLOTH
- VIDEO AND SYSTEM CABLES (OUTPUT-RCA, P C INPUT-USB)
- QUICK REFERENCE GUIDE
- OPERATOR MANUAL

### TUSKIR384 OPTIONS:

- POCKET/COMPACT DIGITAL VIDEO RECORDER
- TRIPOD ADAPTER RAIL
- SPARE BATTERIES
- SPARE BATTERY CHARGER
- 14 HOUR EXTENDED BATTERY PACK
- SPARE VIDEO OUTPUT CABLE
- 9-30 V DC POWER MODULE
- HARD STORAGE CASE



†Operational distances are given at levels of 50% success probability and 2°C temperature difference between target and background.

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Please call for additional information.



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