

High Performance Multi-Purpose  
Thermal System for Professionals

# TUSKIR384



**384 x 288**

- 🦅 3X Optical Magnification
- 🦅 60mm Objective
- 🦅 640 x 480 Video Output
- 🦅 25µm IR Detector
- 🦅 Customizeable Reticle
- 🦅 Uses Rechargeable 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
- 🦅 Proven VoX Microbolometer 25µm Detector Technology
- 🦅 3x Optical & 2x, 4x Digital Zoom (6x, 12x Magnification)
- 🦅 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 2,000 Image Storage Built-In
- 🦅 High Resolution OLED Display with Greater Than 2. inch Eye Relief
- 🦅 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

877 - NITEHOG (648-3464)  
Sales@NITEHOG.com

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



**NITEHOG™**

## SPECIFICATIONS

SENSOR (FOCAL PLANE ARRAY)	SENSOR MATERIAL	VOx Microbolometer
	SPECTRAL RANGE	7-14 μm (filter bandwidth)
	PIXEL COUNT (RESOLUTION)	384 x 288
	FRAME RATE	25 Hz
	PITCH SIZE	25 μm
	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	3X OPTICAL/ 2X, 4X DIGITAL (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, CR123A Backup Battery Pack Incl. Standard, or Optional Extended 4 Rechargeable Battery Pack
	OPERATING TIME	> 7 hours Continuous Std; >14 hours Continuous w/Optional Ext Battery Pack; >2 hours Continuous with CR123A Backup Battery Pack
	AUXILIARY POWER	9-30 V DC, 110/220 V AC
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

9-30 V DC POWER MODULE

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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