

VooDoo-M

Medium/Long Range Multi-Mission Thermal Sight

PIXELS
ON TARGET

VooDoo-M is the next generation of tactical thermal imaging. We've kept what you require, improved what you've asked for, and added what you've always desired. Feature rich, yet easy to use all under 21-ounces / 600 grams.

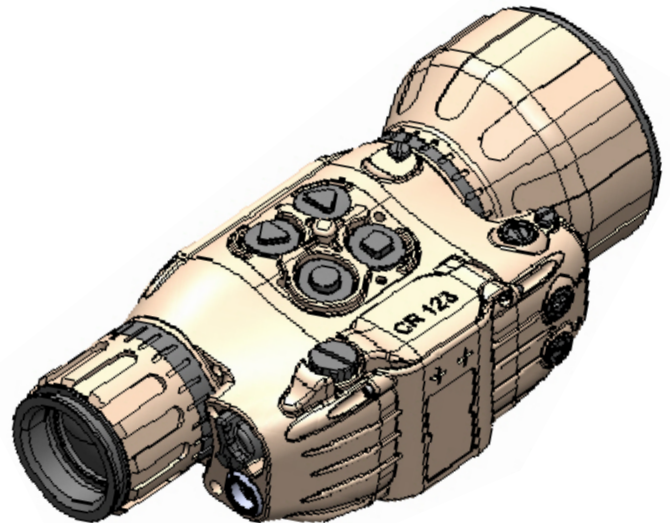
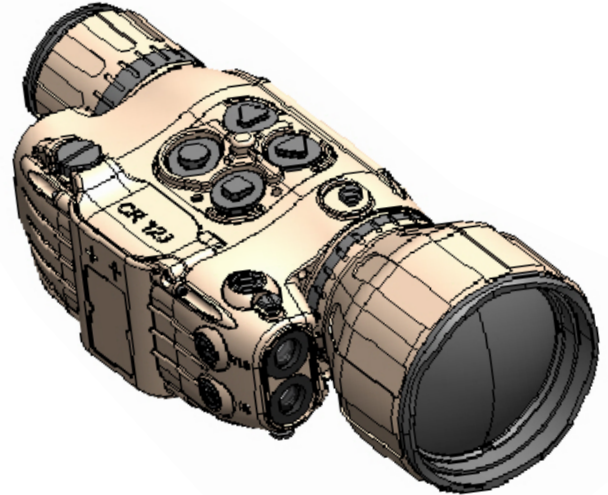
VooDoo-M is a multi-mission uncooled thermal imaging sight designed and optimized for medium and long caliber weapons as a true inline Clip-On.

VooDoo-M provides the sharpest thermal images on the market, utilizing a shutter-less 12-micron, 640 x 480 PIXELS core powered by a BAE Systems focal plane array and Pixels on Target thermal imaging processor.

VooDoo-M is mission-ready and includes a flip-to-side / QD mount that allows seamless transition from day optics to thermal sight while maintaining zero.

VooDoo-M features an advanced ergonomic design for one-handed operation, tactile-positive feedback, and silent buttons that are easily manipulated while wearing gloves. Optional Visible and IR Laser functionality available.

VooDoo-M features a patent pending dual-lateral Matrix adjustment mechanism to achieved zero POA/POI shift and D.U.M. (Digital Unity Magnification) Patent Pending process allow for Zero POA/POI while shooting in Digital Zoom Modes.



ZERO SHIFT

All VooDoo sights are tested for zero POA/POI Shift by firing five rounds through a 5.56 brass cartridge at 25 yards.

**SOFTWARE DEFINED • HARDWARE ENABLED
ACCURACY • PRECISION • INNOVATION**

TECHNICAL CHARACTERISTICS

THERMAL IMAGER

SENSOR	640 x 480 Uncooled Microbolometer
SPECTRAL RANGE	7.5 - 13.5µm (LWIR)
PIXEL PITCH	12 µm
PIXEL FORMAT	640 x 480 Array
SENSITIVITY	<50 mK
DIGITAL ZOOM	0.5x / 1x / 2x / 4x
NUC	Shutterless, Manual Calibration
FOV	6.4° x 4.8°
MoA	1
OPTICAL MAGNIFICATION	UNITY
SCOPE COMPATIBILITY	4x to 16x
RETICLE	Cross-hair, MIL-Dot, SVD, (Custom)
POLARITY	Black Hot/ White Hot/ White Edge/ Black Edge/ Dynamic

LASER POINTER (OPTIONAL)

TYPE	NIR (850nm); VIS-Green (520nm) or VIS-Red (635nm)
POWER	0.7mW / 30mW
SAFETY CLASS	Class 1; 3B

COMPASS

DIGITAL MAGNETIC COMPASS	Yes
--------------------------	-----

DISPLAY

TYPE	OLED Monochrome
RESOLUTION	640 x 480
LIGHT GUARD	Open Eye Cup; Interface Cover (optional)
DIOPTER	Adjustable +/- 2D
REFRESH RATE	60Hz

MOUNT

TYPE	Picatinny, MIL-STD-1913 rail, STANAG 4694
FEATURES	Q.D, Flip to Side, Return to Zero
HEIGHT OFF RAIL	1.535" (38.8mm)
MOUNTING TIME	<3 seconds, no tools required

INTERFACE

VIDEO OUT	VBS: 1.0 Vp-p, RS170
SIGNAL SYSTEM	NTSC / PAL
CONTROL	Keypad and/or Optional Remote Pad

ELECTRICAL

STARTUP TIME	<5sec
BATTERY	2 - CR123A / ~ 5.5 hrs.

WARRANTY

STANDARD	12 Months
EXTENDED	12 Months or
POOL	Warranty Pool (Call for Details)

VooDoo-M Tan w/ IR & Green Laser & Standard Accessory Kit: NSN 5855-01-691-1361

VooDoo-M Optional Configurations:

VooDoo-M Tan w/ IR & Red Laser Kit:	66-00220
VooDoo-M Tan w/ No Lasers Kit:	66-00210
VooDoo Shooters Remote (Cable not Included):	61-00004

RANGE TO TARGET



IDENTIFICATION 800 Yards

RECOGNITION 1600 Yards

DETECTION 3000 Yards

STANDARD ACCESSORIES

- BNC Cable for Video Out
- USB Cable for image download and data transfer
- Eye Cup
- BNC Coupler
- 3V Lithium Battery
- Quick Reference Guide
- Voodoo-M Manual
- Operation /Download Software
- Soft Carry Bag

ADDITIONAL ITEMS

- Interface Cover
- Lens Cleaning Kit
- Transport Case

PHYSICAL ENVIRONMENTAL

DIMENSIONS	7.38"(L) x 3.25"(W) x 2.5"(H). [188mm (L) x 83mm (W) x 64mm (H)
WEIGHT	~ 21 oz./ 600 grams
BATTERY	(2) CR123 or External Battery Capable
RUN TIME	≈ 5 hrs. Single Set of Batteries
OP. TEMP	-40° C to +65° C
STORE TEMP	-46° C to +71° C
IMMERSION	MIL-STD-810G, 66 FT IMERSSION, 60 Mins, 512.5, PROCEDURE I
SAND/DUST	MIL-STD-810G METHOD 510.5 SAND & DUST, PROCEDURE I MIL-
OPERATING	STD-810G METHOD 501.5/502.5 HIGH/LOW, PROCEDURE II MIL-
ALTITUDE	STD-810G METHOD 500.5 LOW/STORAGE/AIR, PROCEDURE I MIL-
HUMIDITY	STD-810G METHOD 507.5 HUMIDITY, PROCEDURE II

PIXELS
ON TARGET

For more information contact your designated distributor:
Pixels on Target, LLC
1351 Sawgrass Corporate Parkway
Suite #104
Sunrise, FL 33323
W: www.pixelsontarget.com
E: info@pixelsontarget.com
P: +1.305.614.0890

This product is export controlled. Export of this product is regulated by the U.S. Department of State in accordance with the guidance of "International Traffic in Arms Regulation (ITAR)" per Title 22, Code of Federal Regulations, Parts 120-130 Disclaimer and copyright. This document gives only a general description of the product(s) and service(s) and, except where expressly provided otherwise, shall not form any part of any contract. Changes may be made in the products or the conditions of supply.