

VooDoo-M

Medium/Long Range Multi-Mission Thermal Sight

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 in one hand, all under 18-ounces.

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

VooDoo-M provides the sharpest thermal images on the market, utilizing a shutterless 12-micron, 640 x 480 PIXELS core powered by a BAE Systems focal plane array and advanced thermal image 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 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.

VooDoo-M features a patent pending dual-lateral Matrix adjustment mechanism to achieve zero POA/POI shift.



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.

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	Up to 15x
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) Vis Red (635nm)
POWER	0.7mW / 35mW
SAFETY CLASS	Class 1; 3B

COMPASS

DIGITAL MAGNETIC COMPASS	Yes
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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	2x CR123A
BATTERY ENDURANCE	>5hrs

ENVIRONMENTAL

WEIGHT & DIMENSIONS	18oz (.51kg); 7.38"(L) x 3.25"(W) x 2.5"(H). [188mm (L) x 83mm (W) x 64mm (H)]
WATER IMMERSION	1M depth, 30 Mins, MIL-STD-810G, 512.5, Procedure I
SHOCK & VIBRATION	MIL-STD-810G Dust & Sand, MIL-STD-810G, 502.5, Procedure I
OPERATING TEMP	-32°C to 55°C, MIL-STD-810G, 501.5, Procedure 1 & 502.5, Procedure 1
STORAGE TEMP	-40°C to 65°C, MIL-STD-810G, 501.5, Procedure 1 & 502.5, Procedure 1
HUMIDITY	>95% MIL-STD-810G, 507.5, Procedure 2 MIL-STD-810G, 507.5, Procedure 2

RANGE TO TARGET



IDENTIFICATION 840 Yards

RECOGNITION 1530 Yards

DETECTION 2680 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

WARRANTY

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

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PIXELS
ON TARGET

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