

MAMBA-S

Multi-Functional Thermal Imager



The MAMBA-S is a multi-functional thermal imaging camera, designed to monitor threats and enhance the surveillance capability in limited visibility conditions such as total darkness, fog and smoke. With state of the art sensors and advanced processing algorithms the MAMBA-S provides crystal clear and crisp images. MAMBA-S, utilizes a Laser Range Finder, GPS & DMC module which provides the ability to provide target distance & coordinate. It is designed to be light, compact and tough in order to meet the requirements of modern battle field. In addition to its high performance, it offers a unique advantage with its lightweight and ergonomic design that meets and exceeds the requirements of modern battle field. Advanced image processing and high-resolution display provides excellent image clarity in both visible and infrared wavelengths to enhance situational awareness of the user with better detection and identification in day or night conditions.

- High Resolution Thermal Channel
- High Resolution Visible Channel
- Fusion Mode (Thermal + Visible)
- Light Weight & Ergonomic
- Long Battery Life
- Detection & Tracking Software
- Support Systems
- Multiple Pseudo-Color Patterns



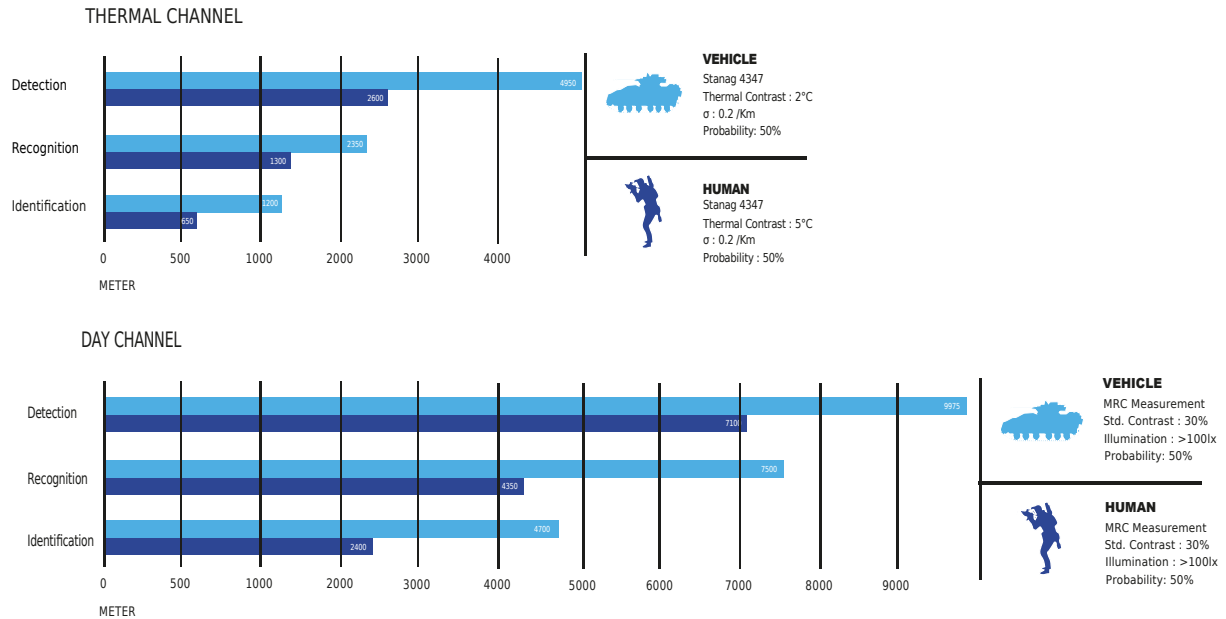
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Technical Specifications			
Thermal Channel		Laser Range Finder	
	VOx FPA - Uncooled	Visibility 25km open weather, target reflectivity 30%, possibility 90%.)	
	1280 x 1024		Class 1 - Eye Safe / 1.5 μ m
	12 μ m		3000 m
	35mK		+/- 2m
		Laser Pointer	
	50 Hz		2000m
	8 ~ 14 μ m	System	
	50mm		18650 Lithium
	5m		7h
	17.46° x 14.1°		HDMI + PAL
	8X		RS 232
	1.6X (Fixed)		12 V DC
Day Channel			10W
	½" CMOS Progressive Scan		1.5 kg (w/out battery & accessories)
	2590 x 1940		219 x 191 x 92 mm (w/out accessories)
	1.9 μ m	Environmental	
	17.9°x 14.4°~ 4.5° x 3.6°		-32°C ~ +55°C
	<1.5 m		-40°C ~ +70°C
	12X	Accessories	
	6X	Transit Case, Remote Control Unit, Display, Pan/Tilt Unit, Cable Set, Eye Cups, Objective Cover, Straps.	

All values are subject to \pm %10 production tolerance.



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