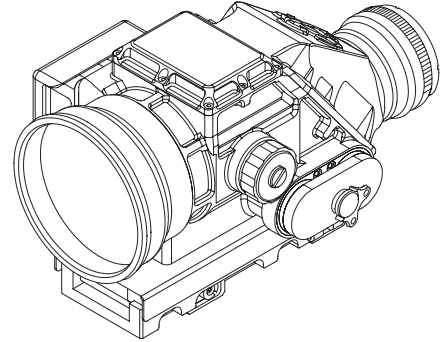


S85LB

THERMAL WEAPON SIGHT (BALLISTIC CALCULATOR & RANGEFINDER)



Thermal Imaging with Multiple Color Palettes



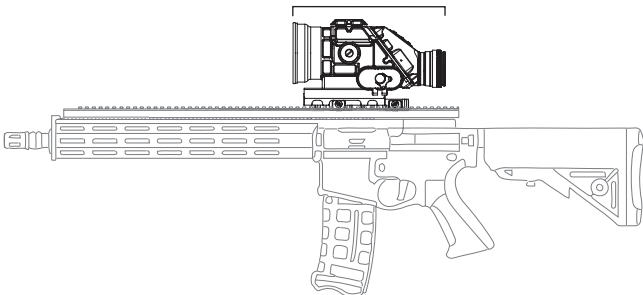
GENERAL FEATURES

S85LB is capable of continuous 24-hour human and vehicle detection even in low-visibility conditions, and unlike night vision devices, it can effectively detect targets in complete darkness and combat environments.

S85LB features the latest uncooled thermal imaging technology integrated with a laser rangefinder and ballistic calculator. Its lightweight and compact design provides low power consumption. The system supports both ballistic and crosshair reticle options. The ballistic calculator performs calculations based on ammunition, weapon, and environmental variables.

S85LB calculates and provides the recommended aiming point to the user based on the distance measured by the laser rangefinder and current meteorological conditions.

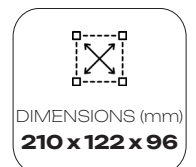
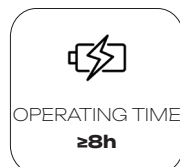
S85LB



SPEC SUMMARY

Usage	Standalone
Detector Type	Uncooled μ B
Spectral Band	8–14 μ m
Detector Resolution	640×512
Field of View	5.17° x 4.14°
Optical Magnification	5.3X
Digital Magnification	2X-4X-8X

	Detection		4100m
	Recognition		1300m
	Detection		8100m
	Recognition		2700m



*These calculations have been performed according to the Johnson criteria. Actual performance may vary depending on atmospheric conditions, temperature, humidity, fog, precipitation and other environmental factors.
*A tolerance of ±10% applies to all parameters.