

MTRS-3 AKÇAGÖZ

DAY & NIGHT FUSION WEAPON SIGHT



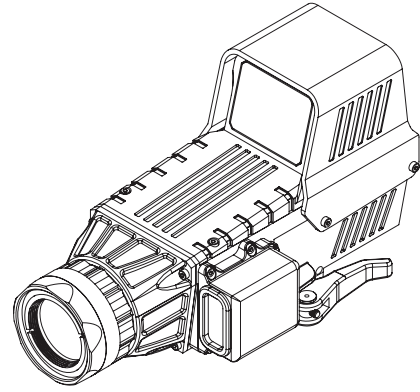
Fusion Imaging with Multiple Color Palettes



GENERAL FEATURES

MTRS-3 / AKÇAGÖZ is a compact fused weapon sighting system designed for 5.56 / 7.62 caliber assault rifles and light machine guns. Its fusion architecture combines the reflex sight image with high-contrast thermal imaging, providing a clear direct-view channel along with support for configurable digital reticles.

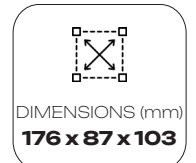
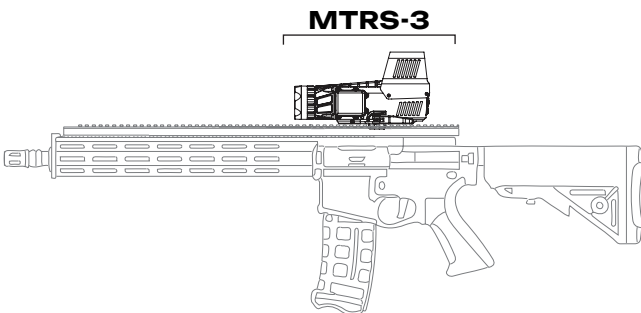
Its lightweight design and low power consumption, combined with advanced camera and display technologies, make the MTRS-3 / AKÇAGÖZ stand out among next-generation sighting systems. It ensures reliable target detection in all day and night conditions.



SPEC SUMMARY

Usage (Dual-Purpose)	Clip-On / Standalone
Imaging Modes	Reflex / Thermal / Fusion
Detector Type	Uncooled μB
Spectral Band	8-14 μm
Detector Resolution	640x512
Field of View	16.3° x 25.9°
Optical Magnification	1X
Digital Magnification	1X-2X

	Detection		1300m
	Recognition		430m
	Detection		2500m
	Recognition		860m



*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.