

BARREL EYE

HANDHELD THERMAL MONOCULAR



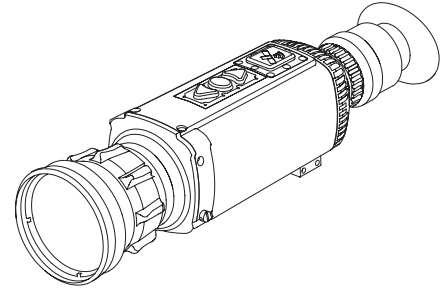
Thermal Imaging with Multiple Color Palettes



GENERAL FEATURES

Barrel Eye is a versatile uncooled thermal surveillance camera that can be handheld or mounted on a tripod. Its compact and lightweight design provides easy portability, quick setup, and immediate deployment in the field.

With advanced digital image processing delivering clear thermal imagery, Barrel Eye offers reliable performance under harsh conditions with its long battery life and environmental durability. It is an ideal solution for covert, low-visibility surveillance missions that require silent and discreet operation.



SPEC SUMMARY

Usage	Handheld / Tripod
Detector Type	Uncooled μ B
Spectral Band	8–14 μ m
Detector Resolution	640x512
Field of View	7.9° x 6.3°
Optical Magnification	3.4X
Digital Magnification	2X-4X-8X



Detection



1600m



Recognition



880m



Detection



5300m



Recognition



1750m



OPERATING TIME
6 / 12h



WEIGHT
<650g



DIMENSIONS (mm)
260 x 80 x 80

*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 $\pm 10\%$ applies to all parameters.

