



TENEBRA-F

FUSION NIGHT VISION BINOCULAR



BINOCULAR 3D
VISION



FAST TARGET
RECOGNITION



MULTI-MODE
FUSION DISPLAY



HIGH USAGE
LIFE



USER-FRIENDLY
INTERFACE



LIGHTWEIGHT &
ERGONOMIC

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GENERAL FEATURES

TENEBRA-F harnesses next-generation night vision fusion technology by merging binocular stereoscopic imaging with thermal imaging technology. This integration allows users to swiftly discern targets and identify potential threats. This enhances users' situational awareness and self-defense capabilities during operation.



OPTICAL SPECIFICATIONS

Magnification	1×
Exit Pupil	20mm
Adjustment	-1.5
Lens System	25 F/1.2
FOV	40°
Resolution	640 x 512

OVERALL UNIT INFORMATION

Pixel Pitch	12μm
Frame rate	50Hz
Lens System	F1.1,16
FOV	25.8 x 19.1
Resolution	800 x 600 (OLED)
Immersion	IP67

PERFORMANCE SPECIFICATIONS

Operating Temperature Range	-40° ~ +50°
Battery Type	18650x2
Battery Life	8h (fusion)
Dimensions	107x115x85 mm
Weight	575g