

Dual Vision Fusion Binocular



Features:

- Thermal and visual images
- Low lux visible CCD
- 640 x 512 thermal sensor
- Image fusion technology

Applications:

- Day/night scouting
- Border & perimeter patrol
- Hunting and theft
- Forest fire



Thermal image

Visual image

Fusion image

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Specifications

Thermal	
Detector type	Uncooled Microbolometer
Pixels	640 × 480
Wave length	8~14μm
Pitch size	17μm
Frame rate	Up to 50Hz
Focus length	38mm
NETD	≤50mk@25°C
FOV	16.3° × 13.0°
Recognition distance	Vehicle : 1Km
Visual	
Sensor	1" low lux CCD
Display resolution	800 X 600
FOV	25.4° × 19.1°
Magnification	2X
Minimum illumination	<0.001 lux
Power	
Battery type	Li-Ion rechargeable battery
Battery life	≥3 hrs
Physical	
Dimensions	295mm × 200mm × 120mm
Weight	≤1.2 Kg (including battery)
Operating Temperature	-30°C ~ +60°C
Storage Temperature	-40°C ~ +70°C
Rating	IP66, MIL-STD-810



White/Black fusion



Color fusion



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Specifications are subject to change without prior notice.
 KT Photonics Inc. DS-HMTI-201711A