

2026 PRODUCT CATALOG

INTEGRATED ELECTRO-OPTICS PLATFORMS



FUSIONSERIES

Rugged Day & Night Driver Vision Enhancer and Electro-Optic Tracker



ONESHOT

- Up to 8.0MP 4K Day (VIS)
- Up to HD 1280x1024 Night
- Modular Integration for Manned & Unmanned Platforms
- Rugged Design, Hermetic Sealed IP-67, Nitrogen Purged
- Ethernet Interface, RTSP Streaming, Daisy Chain
- 12-40VDC Power Input

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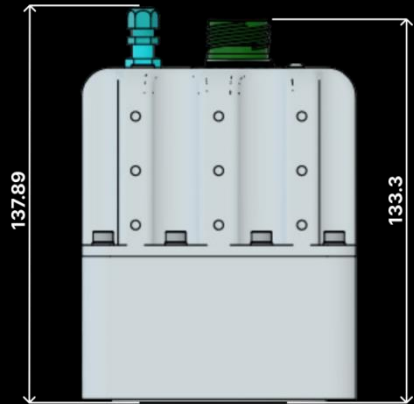
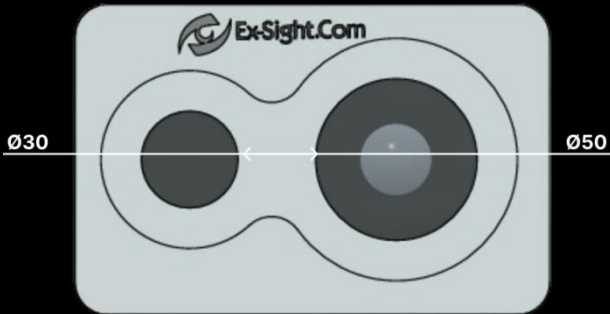
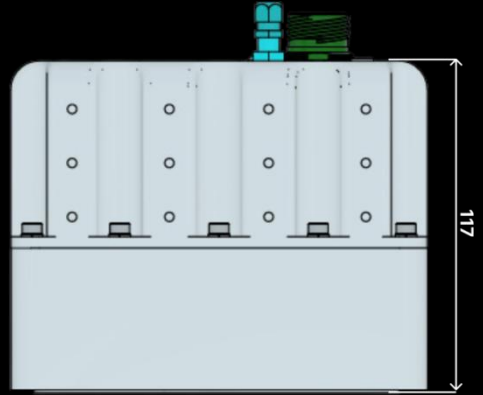
| MODEL | FUSION1280 | FUSION640 |
|--|---|--|
| DAY SENSOR | 4K 8.0MP IMX678 M12 LENS 30 FPS H.265/H.264/MJPEG | 4K 8.0MP IMX678 M12 LENS 30 FPS H.265/H.264/MJPEG |
| FOV DAY SENSOR | DC DRIVE M12 FOV (H) 57° or 93° | DC DRIVE M12 FOV (H) 57° or 93° |
| THERMAL SENSOR | UNCOOLED LWIR 12 μm 1280x1024 LENS 13mm 30 FPS FOV 61° | UNCOOLED LWIR 12 μm 640x512 LENS 5.8mm 30 FPS FOV 67° |
| LRF | - | - |
| LWIR DRI | | |
| DETECTION (m) NATO/HUMAN target | 830/375 | 370/167 |
| RECOGNITION (m) NATO/HUMAN target | 415/187 | 185/83 |
| IDENTIFICATION (m) NATO/HUMAN target | 311/140 | 139/62 |
| POWER | 9-36VDC, NOMINAL 5.6W (MAX on LOAD 12W) | |
| DIMENSIONS (mm) | 149x147x96 | 147x118x96 |
| CONNECTOR | Stainless Steel Hermetic Connector D38999/23YC35PN | |
| WEIGHT (Kg) | 3 kg | 2.3 kg |
| IP RATE | IP67 Nitrogen Purged | |

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DIMENSIONS (LxWxH, mm) 147x119x96

WEIGHT 2,3 kg



SENSOR POSITIONING



HORIZONTAL



VERTICAL

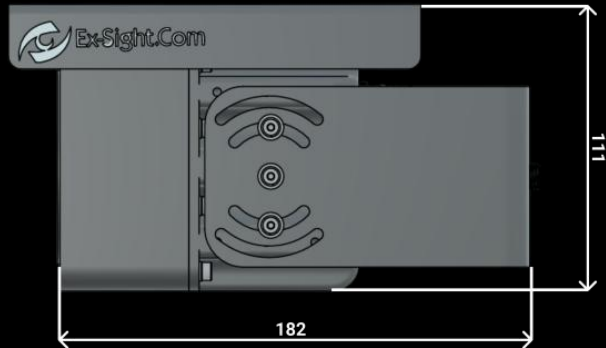
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Bracket Options

DIMENSIONS

FUSION-F-BRKT-01



DIMENSIONS

FUSION-F-BRKT-02

