

# 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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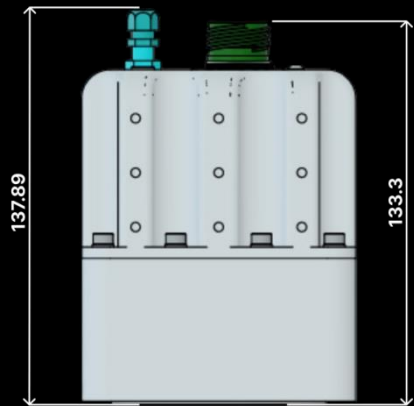
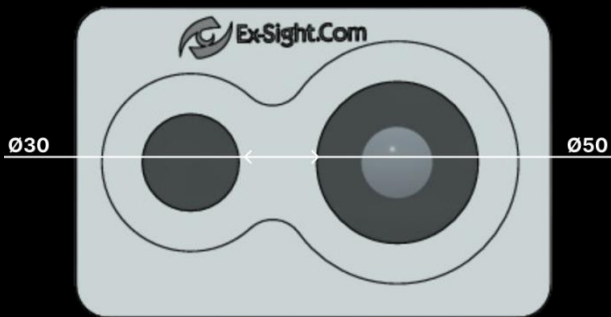
		
MODEL	FUSION1280	FUSION640
DAY SENSOR	4K 8.0MP IMX678 M12 LENS 30 FPS H.265/H.264/MJPEG	4K 8.0MP IMX678 M12 LENS 30 FPS H.265/H.264/MJPEG
FOV DAY SENSOR	DC DRIVE M12  FOV (H) 57° or 93°	DC DRIVE M12  FOV (H) 57° or 93°
THERMAL SENSOR	UNCOOLED LWIR 12 μm 1280x1024 LENS 13mm 30 FPS  FOV 61°	UNCOOLED LWIR 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 <b>D38999/23YC35PN</b>	
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**

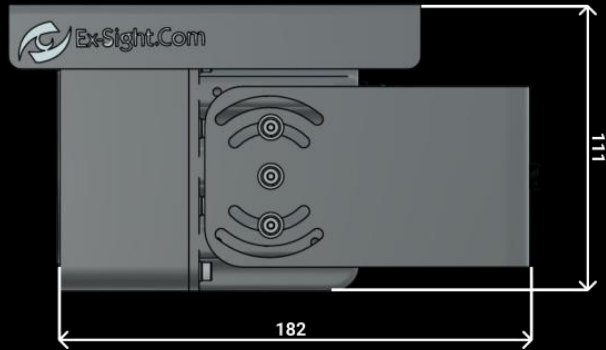
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## Bracket Options

### DIMENSIONS

### FUSION-F-BRKT-01



### DIMENSIONS

### FUSION-F-BRKT-02

