

2026 PRODUCT CATALOG

INTEGRATED ELECTRO-OPTICS PLATFORMS



EX-SIGHT ADVANCED ELECTRO-OPTICS

SPHERE-F

DUAL SENSOR RUGGED GIMBAL



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MODEL	SPHERE-F
LOW LIGHT DAY SENSOR	3.0MP Global Shutter Zoom Block Optical x30 Digital x16 Resolution 2048x1536 @ 30fps Focal Length 5.5mm-165mm FOV 46.5° - 2.2°
DAY GLASS	SAPPHIRE GLASS
NIGHT SENSOR	LWIR 640x512 Up to 35mm
NIGHT GLASS	GE/SILICON window
POSITION	DOME / Top Mounting
LWIR DRI 35mm – Detection, Recognition, Identification	
DETECTION (m) Human/NATO target	1,010/2,236
RECOGNITION (m) Human/NATO target	360/798
IDENTIFICATION (m) Human/NATO target	270/599
POWER	12-40 VDC 120W Max. MIL.STD704, MIL.STD810G POWER STABILIZER
DIMENSIONS (mm)	245x216x347 mm ø 185
INTERFACE	ETHERNET INTERFACE
CONNECTOR	Hermetic Stainless Steel D38999/23YC35PN
WEIGHT (Kg)	13 kg
IP RATE	Sealed IP67 Nitrogen Purged

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