

2026 PRODUCT CATALOG



ADVANCED ELECTRO-OPTICS



SITUATIONAL AWARENESS

Rugged Electro-Optic Panoramic Staring System for Naval and Ground Applications

See First. Act First.

- 360°/180° 8MP 4K Day (VIS) & HD Night Continuous Coverage
- AI-assisted Detection & Tracking
- Modular Integration for Manned & Unmanned Platforms
- Rugged Design, Hermetic Sealed IP-67, Nitrogen Purged
- 1Gbps Ethernet Interface, RTSP Streaming, Daisy Chain
- 12-40VDC Power Input

SITUATIONAL AWARENESS

Rugged 360/180 Day & Night Electro-Optic Panoramic Staring System



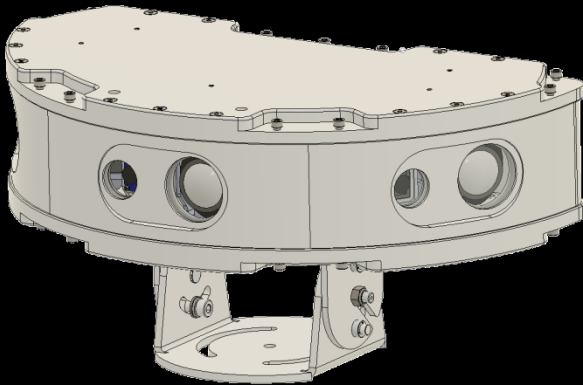
SA360

SA180

LOW LIGHT VIS DAY	SIX (6) x 3840*2160/30fps SONY Super Starlight IMX678 8.0MP 4K 30 FPS SAPPHIRE Window	THREE (3) x 3840*2160/30fps SONY Super Starlight IMX678 8.0MP 4K 30 FPS SAPPHIRE Window
DAY WINDOW	SAPPHIRE	
FOV DAY	SIX (6) FOV (H) 93.1° (V) 49.6° (D) 110.8° Or FOV (H) 57.1° (V) 30.4° (D) 66.3°	THREE (3) FOV (H) 93.1° (V) 49.6° (D) 110.8° Or FOV (H) 57.1° (V) 30.4° (D) 66.3°
NIGHT LWIR	SIX (6) 1280x1024 or 640x512 12µm 30 FPS GE Window AR/DLC	THREE (3) 1280x1024 or 640x512 12µm 30 FPS GE Window AR/DLC
NIGHT WINDOW	GE Window AR/DLC	
FOV NIGHT LWIR	420° Deg. (H) 6 x 70° FOV (H) 420° (V) 46°	210° Deg. (H) 3 x 70° FOV (H) 210° (V) 46°
DETECTION (640x512) (1280x1024)	NATO/HUMAN 370m / 167m 830m / 375m	NATO/HUMAN 370m / 167m 830m / 375m
POWER	2A@24VDC (12-40VDC)	1A@24VDC (12-40VDC)
DIMENSIONS	470x470x185 mm	483x270x237 mm
ETHERNET	Embedded Industrial Gigabit Ethernet Switch	
PNL CONNECTOR	Hermetic Stainless Steel D38999/23YD35PN	
CABLE CONNECTOR	Hermetic Stainless Steel D38999/26KD35SN	
WEIGHT (Kg)	30 kg	16 kg
CHASSIS	RUGGED CNC Structure, Aluminum Chassis, ANTI SALT BLACK POWDER PAINT	
IP RATE	Sealed, IP67 Nitrogen Purged	

SITUATIONAL AWARENESS

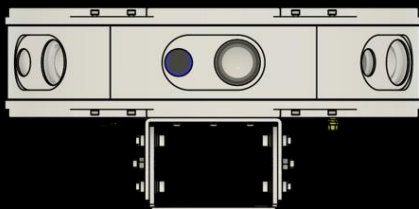
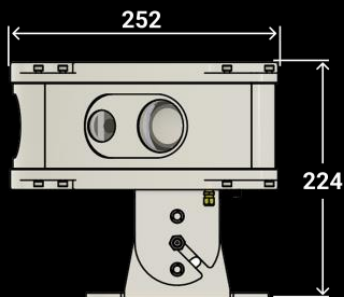
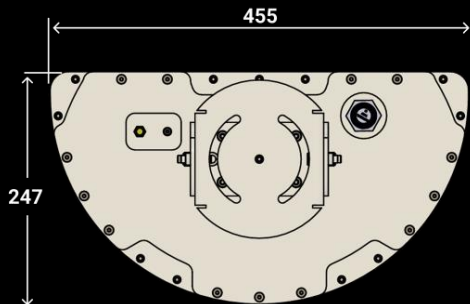
Flat vs. Compact design options



SA180 - Horizontal

Flat Horizontal, Side by Side

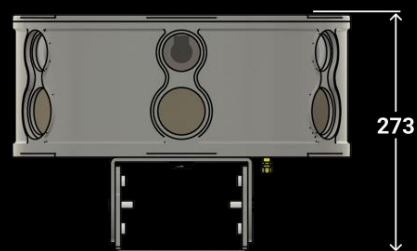
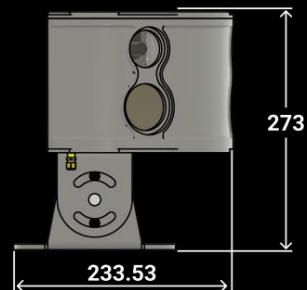
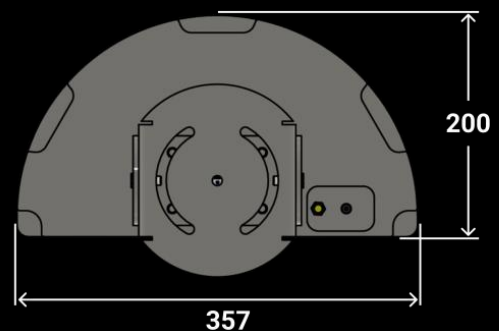
483x270x237 mm



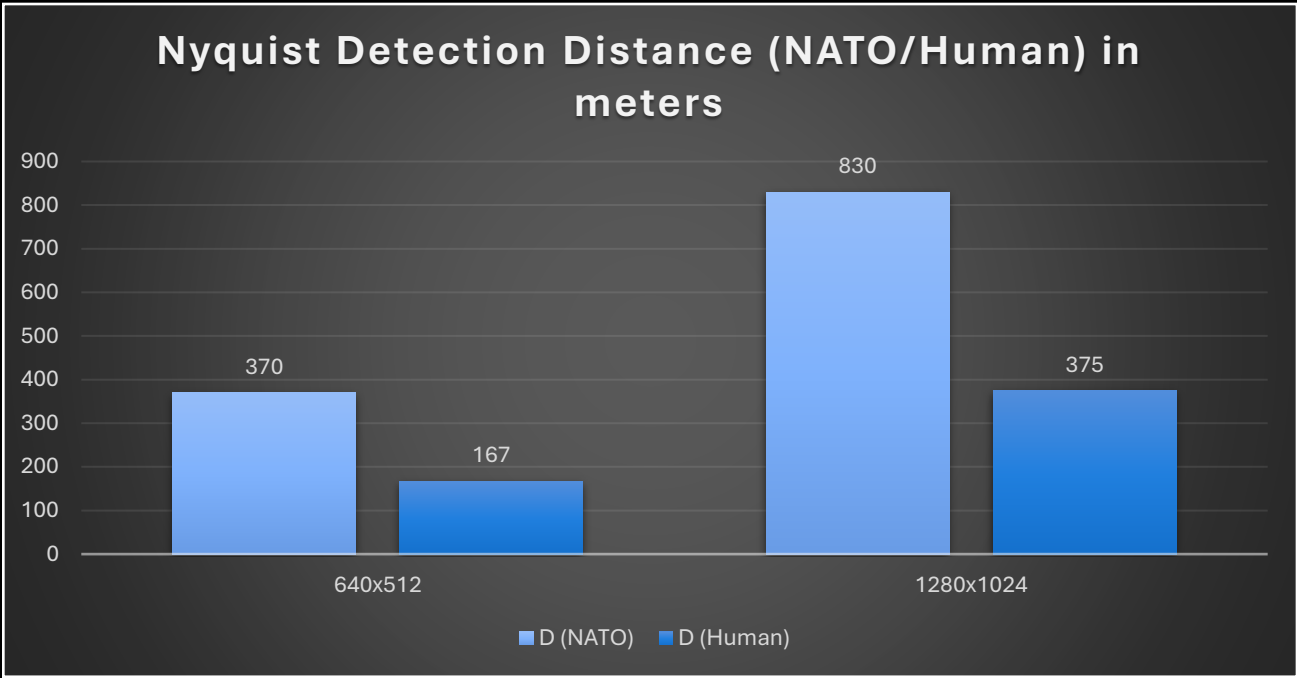
SA180V - Vertical

Compact Vertical Aligned

357x197x253 mm



SITUATIONAL AWARENESS



CABLE CONNECTOR PIN LAYOUT

D38999/26KD35SN Stainless Steel Hermetic Connector

PIN	DESCRIPTION
1	Main ETH 1 (White Orange)
2	Main ETH 2 (Orange)
3	Main ETH 3 (White Green)
4	Main ETH 4 (Blue)
5	Main ETH 5 (White Blue)
6	Main ETH 6 (Green)
7	Main ETH 7 (White Brown)
8	Main ETH 8 (Brown)
9	NC
10	NC
11	12VDC
12	GND

PIN	DESCRIPTION
13	12VDC
14	GND
15	Backup ETH 1 (White Orange)
16	Backup ETH 2 (Orange)
17	Backup ETH 3 (White Green)
18	Backup ETH 4 (Blue)
19	Backup ETH 5 (White Blue)
20	Backup ETH 6 (Green)
21	Backup ETH 7 (White Brown)
22	Backup ETH 8 (Brown)
23-37	NC