SRAY-TECH
Stereopsis Technology Innovation

Module Solution Roadmap

EO

	EO-1	EO-2	EO-3	EO-4
Sensor Brand	Sony	Sony	Sony	Sony
Resolution	50 MP	50 MP	48 MP	48 MP
Focal Length	25 mm	7 mm	35 mm	7 mm
Shutter	Rolling Shutter	Rolling Shutter	Rolling Shutter	Rolling Shutter
Output Interface	MIPI	MIPI	MIPI	MIPI
AI Board Support	2026 Q4	2026 Q4	2026 Q4	2026 Q4
Note.	-	-	✓ License Plate Recognition up to 250 m	-

	EO-5	EO-6	EO-7 (Dual-cam)	
Sensor Brand	Onsemi	Sony	Onsemi	Onsemi
Resolution	2 MP	8 MP	20 MP	20 MP
Focal Length	25 mm	7 mm	25 mm	7 mm
Shutter	Global Shutter	Rolling Shutter	Rolling Shutter	
Output Interface	MIPI / USB	MIPI	MIPI	
AI Board Support	✓	✓	✓	
Note.	✓ Onboard ISP	✓ Onboard ISP	✓ Onboard ISP ✓ Optical & Digital Zoom ✓ NIIRS 6 Image Quality at 1 km ✓ Detection Range: 1 km (2.3 m × 2.3 m vehicle) ✓ Recognition Range: 600 m (2.3 m × 2.3 m vehicle)	

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IR

	IR-1	IR-2
Resolution	VGA	VGA
Focal Length	13.5 mm	14 mm ~ 75 mm
Output Interface	USB	USB
Zoom	10× Digital Zoom	5× Optical with 8× Digital → 40× Total Zoom
Detection / Recognition Range	Detection: 380 m (2.3 m × 2.3 m vehicle) Recognition: 100 m (2.3 m × 2.3 m vehicle)	Detection: 5 km (2.3 m × 2.3 m vehicle) Recognition: 2 km (2.3 m × 2.3 m vehicle)

LRF

	LRF-1	LRF-2
Measure Range	5 m ~ 2000 m	5 m ~ 3600 m
Accuracy	± (0.2 m + Measure Range x 0.1%)	≤0.1% (±0.1m@100m, ±2m@2000m, ±3m@3000m)

Gimbal Module-S1 (Fixed EO Included; Optional IR/LRF)

SoC	Integrated 4.6 TOPS AI NPU	AI Recognition	AI edge recognition for people, vehicles & objects; customizable for other applications.
Max. SoC Resolution/ Frame Rate	1080p @ 30fps	Gimbal Axes	2
Focal Length	Tele: 35 mm / Wide: 7 mm	Gimbal Dimensions	Approx. 84 × 75 × 121.4 mm
Shutter	Rolling Shutter	Gimbal Control Interface	UART
Detection/ Recognition Range	Detection: 1 km (2.3 m × 2.3 m vehicle) Recognition: 600 m (2.3 m × 2.3 m vehicle)	Total Power Consumption	Approx. 20.8 W
Output Interface	USB3.0 / RJ45	Total Weight	Approx. 305 g