

# IVECO LOV-ISR



## Light Armoured Multipurpose Vehicle

The „LOV-ISR“ Light Armoured Multipurpose Vehicle featuring the reconnaissance mission kit is based on the IVECO M65E 19 WM 4x4 vehicle concept with light-armoured cabin. The LOV-ISR system is equipped with a special mission kit integrating the BAA II system that is connected to the C4ISR architecture.

### Purpose

The LOV-ISR Light Armoured Multipurpose Vehicle featuring the reconnaissance mission kit has been developed as part of the combined arms system serving as a reconnaissance mean to support the armed forces deployed during foreign missions. The vehicle is expected to be deployed mainly at exposed battlefield areas with the aim to acquire enemy information especially under the asymmetric warfare conditions.



## Main TTD

BAA II Surveillance and Reconnaissance System	Mast lifting height	1320 mm
	Pan&Tilt in azimuth	n x 360°
	Pan&Tilt in elevation	-30°/+ 70°
	CCD TV camera – Wide FOV	17.5° x 13.1°
	CCD TV camera – Mild FOV	8° x 6°
	CCD TV camera – Narrow FOV	2° x 1,5°
	CCD TV camera – Super Narrow FOV	1.25° x 0.95°
	Cooled IR camera – spectral area	3 μm - 5 μm
	IR camera – Wide FOV	16° x 12.8°
	IR camera – Mild FOV	8° x 6.4°
	IR camera – Narrow FOV	2° x 1.6°
	IR camera – Super Narrow FOV	1° x 0.8°
	Image fusion FOV	14.6° x 11.7°
	Laser Rangefinder - range of measurement	50 to 20 000 m
	Laser Rangefinder - wavelength	1572 nm
	Range of Laser Rangefinder	5.3 km
	Range of Laser Illuminator	2 km
Power System	Add-on Li-pol accumulator batteries	240 Ah
External Communication System	Harris RF-117 G radio station	1 unit
	MPU-5 radio station	1 unit
	SATCOM	1 unit
Internal Communication System	VICM 200 system	4 units
Navigation System	DAGR AN/PSN-13A GPS receiver	1 unit
	TALIN 2000 INU	1 unit
Jammers	STARLIGHT 3-M1	1 unit
Detection Systems	GSD Fire Detection System	1 unit
	SDIO Laser Warning System	1 unit
UAV Video Receiver	Rover 6i	1 unit