

CM262

Multi-mission ISR and C-sUAS



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The CM262 is CACI's most advanced ground-based imaging system, combining four industry-leading sensor configurations into a compact and ruggedized 35 lb package for counter-small uncrewed aircraft system (C-sUAS) and ISR operations. The CM262 incorporates HD electro-optical (EO), HD medium-wave infrared (MWIR), short-wave infrared (SWIR), and a laser range finder (LRF) to provide accurate, long endurance ISR and target acquisition day or night. Optimized for on-the-move land operations, the CM262 includes our latest cutting-edge video processor technology, which delivers superior performance at high speeds. Incorporating CACI's operator assist software, the CM262 is a proven solution for C-sUAS and ISR operations.

On-the-move high performance

The CM262 is a rugged, proven ground-based imaging system optimized for mobile ISR and C-sUAS operations. The CM262 combines HD EO, HD MWIR, SWIR, and LRF in a compact, responsive 35 lb system.

Using a cutting-edge video processor, the CM262 offers onboard multisensor streaming, encoding, recording, object tracking, e-stabilization, roll stabilization, scene steering and GEO-Lock, and keeps its weight to a minimum for improved portability. For C-sUAS operations, the CM262 incorporates several smart features for rapid identification of potential threats, all while the platform is in motion.

CACI

DRI Performance

Payload performance*



Human Size
1.7m x .5m

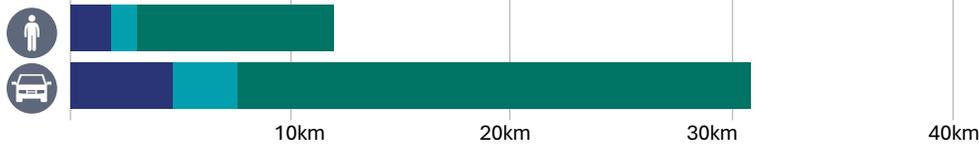


Vehicle Size
2.3m x 2.3m

Daylight (EO)



Short-Wave Infrared (SWIR)



Medium-Wave Infrared (MWIR)



■ DETECT
 ■ RECOGNIZE
 ■ IDENTIFY

	EO Performance		SWIR Performance		MWIR Performance	
	Human	Vehicle	Human	Vehicle	Human	Vehicle
DETECT	23.6 km	60 km	11.9 km	30.7 km	13.4 km	34.5 km
RECOGNIZE	5.9 km	15.2 km	3 km	7.7 km	3.6 km	8.6 km
IDENTIFY	3.7 km	9.5 km	1.9 km	4.8 km	2.1 km	5.4 km

*All values are calculated based on the Johnson Criteria using a simplified analysis in ideal conditions. Actual range performance may vary.

Benefits

- Optimized for on-the-move missions, the CM262 offers enhanced stabilization technology that reduces platform movements and improves video experience.
- Adaptable to various missions such as perimeter surveillance, on-the-move ISR, and border protection

Features

- Detect: An object is present (2 pixels on target)
- Recognize: The type of object can be discerned (8 pixels on target)
- Identify: A specific object can be discerned (12.8 pixels on target)
- HD EO sensor capability
- HD MWIR sensor capability
- SWIR sensor capability
- LRF sensor capability
- IP67 protection rating
- TRL-9