# **CM202U**

## Proven Counter-Unmanned Aircraft System



Rugged imaging for air defense, C-UAS, and counter-artillery operations

For the most effective protection against hostile unmanned aircraft systems (UAS), the CM202U features both high-definition electro-optical (EO) and medium-wave infrared (MWIR) sensors to deliver high-quality imagery during day or nighttime operations.

The CM202U's detection capabilities are enhanced with inclusion of the CUAS Suite of software. This specialized program exploits two different target detection algorithms (moving target and static target algorithms) in order to help operators identify high-probability detections in the air or on the ground.

The rugged, man-portable CM202U is ideal for counter-unmanned aircraft system (C-UAS), air defense, and force protection tasks such as countering rockets, artillery, and mortars (C-RAM). Using the moving target detection algorithm, the CM202U pinpoints targets in its field of view faster than an operator can manually – enabling rapid threat assessment. Live, real-time cueing reduces decision and identification time against adversary UAS and artillery, helping operators make the most informed decisions.

For more information, contact:

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#### **Features**

- Packable, lightweight 12.1lb
- 8.7 in (diameter) x 12.6 in (height)
- Low power consumption; idle power 40 watts, peak power 250 watts
- High-definition EO sensor
- Crisp MWIR sensor
- Static and moving target detection algorithms
- Dust and water resistant IP66 protection rating

#### **Benefits**

- Purpose-designed for day and night C-UAS operations across a range of environments
- Operator assist and CUAS Suite tools enhance operator interface and enable more responsive targeting
- Easy to install and operate from fixed sites and on vehicles such as trucks, off-road vehicles, and boats

### CM202U: Portable, Enhanced UAS and RAM Defense

Designed for rugged ground-based operations, the CM202U can be carried in a backpack and is optimized to operate in harsh environments with high temperatures, humidity, and dust.



With its operator assist function and powerful algorithms, the CM202U is able to detect and track multiple objects on the ground and in the air, reducing operator fatigue and improving efficiency. Using operator assist, up to 200 UAS or RAM targets can be tracked simultaneously, ensuring that no threat is missed during swarm attacks.

The CM202U's CUAS Suite provides all the necessary software and interface tools for successful C-UAS missions. CUAS Suite requires little training, and is user-friendly. Operators can customize the display to suit preferences, and optizmize performace across the kill chain.

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