CHIMERA

ThirdEye Systems

making systems smarter

thirdeye
MAKING SYSTEMS SMARTER

Chimera payload use state-of-the-art object recognition analytics on a high-end day and night system incorporating an uncooled LWIR thermal imager and HD day EO camera in a compact lightweight package. The Chimera analytics runs on-board in real-time allowing automatic recognition and coordinate extraction of humans, vehicles or fire, while flying. The Chimera can operate in a completely autonomous mode or semi-autonomous, increasing user's situational awareness.

- Electro-optic 4K Sensor, with X7 optical zoom (optional X30)

- Thermal uncooled – VGA 640X480 optics: 13mm to 35mm

- Automatic Target Recognition (ATR) Based on Deep Neural Network, up to 300 meters at night and 450 meters at day

- 93% recognition rates (field proven)

- VMD (Video Motion Detection)

- Low consumption- 4.5W

- Dimensions- 360 Gr. With 2 Axis (optional- 3 Axis)

- Can be integrated with various drones