



SAVKAR
TECHNOLOGY

AI V30
THERMAL CAMERA

A multi-mission UAV ecosystem with modular platforms,
advanced sensor fusion, and AI-driven capabilities
designed for versatile deployment across diverse
operational environment



AI-POWERED MULTI - MISSION
UAV SUITE

AI Thermal / Dual-vision Model

The AI Thermal module is an advanced day/night ISR platform combining thermal imaging, electro-optical vision, and onboard AI processing. Using intelligent image-contrast technology, it autonomously locks, tracks humans, tanks or vehicles at high speed and engages targets without reliance on wireless signals. Even under jamming or signal loss, the system continues tracking targets at speeds up to 153 km/h, ensuring uninterrupted mission execution.

Mission Type: Day/night ISR, thermal target detection

Key Advantage: EO + Thermal fusion with enhanced detection

● General Features

- 🔗 **Advanced AI Cognitive Core**
- ⚡ **Onboard AI Processing** (operates seamlessly even in GPS- and communication-jammed environments)
- 🔍 **Thermal Camera** (night vision + smoke/fog /dust penetration)
- 🔗 **Sensor Fusion** (merges EO + Thermal views)
- 🚀 **Rapid Deployment**
- 🎯 **Instant tracking with FPV Goggles**
- 💧 **Water Resistance**
- 🛡️ **Compatible with all FPV drone models in our series**

● Technical Specifications

Vehicle locking distance	800mEO - 500mIR
Man locking distance	400mEO - 200mIR
Lens	6mmEO - 13mmIR
Resolution	2560X1440EO - 640X512IR
Tracking algorithm	60Hz
Zoom	3 X Digital



*Dual-Vision Drone for
Day & Night Intelligence*

