

EDGE

PHANTOMDIAB

TACTICAL AUTONOMY DRONE ON DEMAND 24/7



A comprehensive, fully autonomous tactical solution engineered for continuous 24/7 aerial operations. Designed specifically for Defense and Homeland Security (HLS) applications, the Phantom Dock system integrates advanced drone technology, a cutting-edge Command and Control (C2) application, and a ruggedized ground station for seamless, mission-critical operation.

The Phantom Dock systems are highly scalable, capable of functioning as a standalone tactical asset or as part of a coordinated multi-system fleet, enabling efficient management of large operational areas with precision and reliability.

SPECIFICATIONS

KEY FEATURES

- Fully Autonomous drone on demand solution
- Advanced C2 multi-system management
- Mission-critical reliability
- Scalability & Versatility
- Rapid tactical deployment

DRONE

Maximum take-off weight	10 kg
Endurance	Up to 60 min
Range	10 km
Maximum Payload weight	3 kg
Engine type	Electric
Operating Temperature	-20°C to 50°C
Communication link	RF LTE

DOCKING STATION

Docking station dimensions	1.2m X 1.2m
Docking station Weight	100kg
Docking station charging	Yes

ADVANCED DRONE FLEET MANAGEMENT

Orion DFM by EDGE is an advanced drone fleet management and mission execution platform designed to enhance autonomous aerial operations.

- Fully autonomous mission
- Multiple drones operating simultaneously “one to many”
- Collision avoidance
- Threat recognition
- AI-powered automation
- Live video stream distribution
- UTM situational awareness