

SAI-HUB RC

SPECTRO AI

Enterprise Remote Control Drone Mission &
AI Management Software



SAI-HUB RC- Technical specifications

Product Overview

Specification	Value
Product name	SAI-HUB RC
Host Infrastructure	Brain-Box M
Primary Function	Remote-control-based drone mission management with embedded AI
Deployment type	On-Premise
Cloud Dependency	None required
AI Processing	Local processing on Brain-Box M
Pre-Loaded AI Algorithm	Included
Operation Mode	Manual and Autonomous with AI support

Drone Compatibility

Specification	Value
DJI Mavic 3 Enterprise (E)	Supported
DJI Mavic 3 Thermal (T)	Supported
DJI Mavic 3 Multispectral (M)	Supported
DJI Matrice 4 / 4T / 4DT / 4D	Supported
DJI Matrice 300 (M300)	Supported
DJI Matrice 350 (M350)	Supported
Other DJI Enterprise Drones	Supported (SDK dependent)



Mission Planning & Flight Configuration

Specification	Value
Patrol Route Missions	Supported
Autonomous Mission Execution	Supported
Manual Flight Mode	Supported
Hybrid Mode (Manual + AI)	Supported
Custom Waypoint Creation	Supported
Grid-Based Mapping	Supported

Real-Time AI Detection & Mapping

Specification	Value
Real-Time AI Detection	Supported
On-Screen Detection Display	Supported
AI in Manual Mode	Supported
AI in Autonomous Mode	Supported
Detection Event Logging	Supported
Object Localization / Coordinates	Supported
Object Speed Estimation	Supported
Detection Mapping Overlay	Supported
AI-Based Geo-Tagging	Supported



Data Capture & Recording

Specification	Value
Image Capture	Supported
Video Recording	Supported
Automatic Capture on Detection	Supported
Detection Snapshot Capture	Supported

Live View Mirroring / Stream Relay

Specification	Value
Live View Mirroring	Supported (optional)
Connectivity Requirement	Brain-Box M with SIM/mobile data
Mirror Target	Control room server or third-party server
Use Case	Remote monitoring and command center visualization
Data Path	Stream relay of operator remote control view

