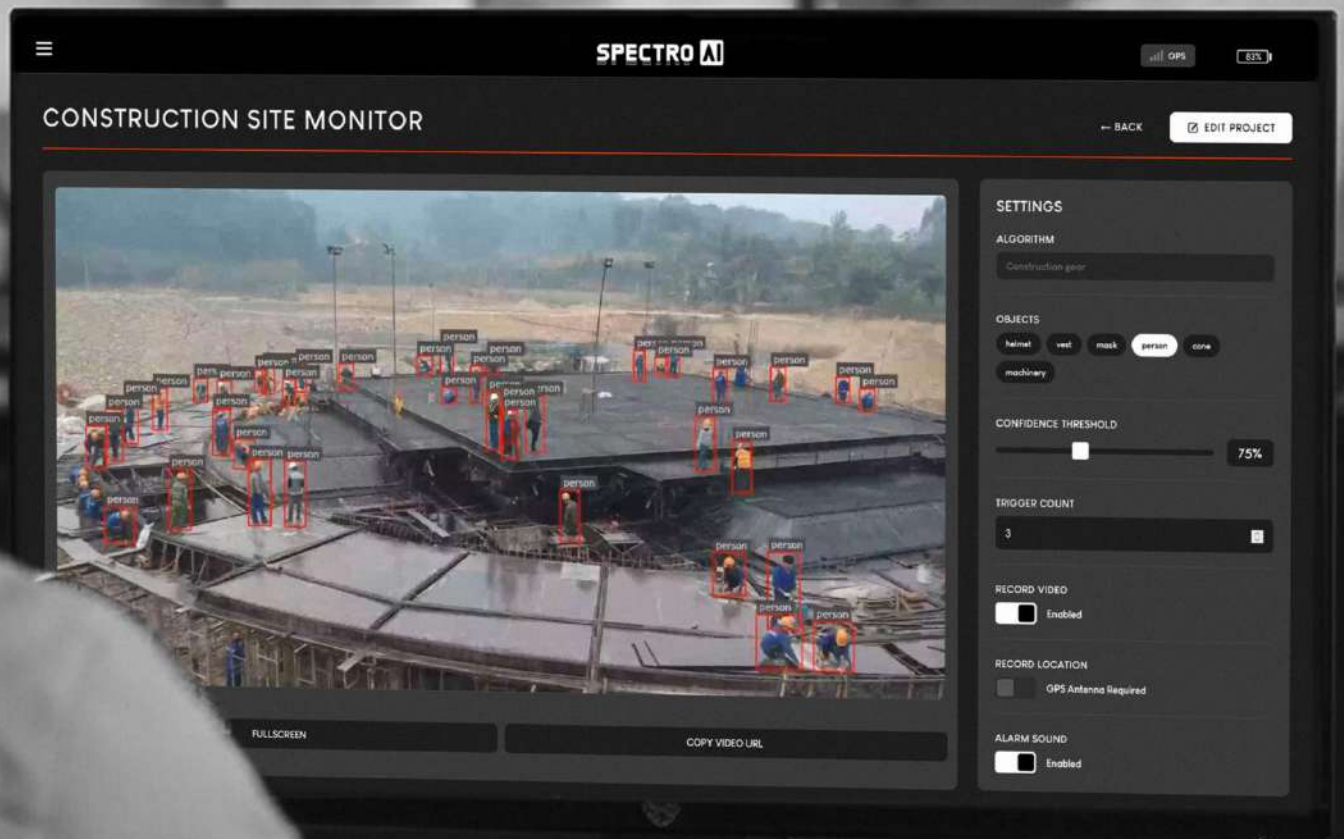


SAI-HUB VID



On-Premise AI Video Intelligence Platform



SAI-HUB VID

Running on Brain-Box M Edge Server

Product Overview

Specification	Value
Product name	SAI-HUB VID
Deployment Type	Fully On-Premise (H-Only Architecture)
Host Platform	Brain-Box M Edge Server
Access Type	Browser-Based (HTML Interface)
Primary Function	AI Video Processing, Detection & Analytics
Data Sovereignty	100% Local Processing by Default
Target Users	Government, Security, Industrial & Infrastructure Operators

System Architecture

Specification	Value
Server Model	Brain-Box M
Network Connectivity	LAN or Wi-Fi
Internet Requirement	Optional (SIM or LAN)
Edge AI Processing	Yes (Local GPU-Based Inference)
Multi-Stream Processing	Up to 4 Concurrent Streams (Standard)
Higher Stream Capacity	Available Upon Custom Configuration



Video Input & Streaming

Specification	Value
Supported Input Protocols	RTSP, RTMP, SRT
Supported File Input	MP4
Supported Input Resolution	Flexible (Higher or Lower than Full HD)
Inference Output Resolution	Full HD (1080p)
Standard Processing Rate	Up to 30 FPS
Multi-Stream FPS (4 Streams)	~9–10 FPS per Stream

Mission & Project Management

Specification	Value
Operational Unit	Mission (AI Processing Project)
Algorithm Selection	Preloaded & Pre-Packaged Models
Data Types	Images & Video Files
Object Class Selection	User Selectable (Per Algorithm)
Confidence Threshold Control	Adjustable
Multi-Mission Support	Yes



Monitoring & Analytics Interface

Specification	Value
AI Deployment Mode	Yes
Live Inference Overlay	Yes
Real-Time Class Counter	Yes
Time-Based Detection Graph	Yes
Click-to-Inspect Function	Yes

Alerting & Notifications

Specification	Value
Browser Alarm Sound	Yes
Visual Alert	Yes
JSON Message Output	Yes
SMS Alerts	Yes (If SIM Installed)
Email Alerts	Configurable

Stream Sharing & Remote Access

Specification	Value
Encrypted Inference Stream	Yes
Token-Based Sharing	Yes
VPN Support	Tailscale, WireGuard
SIM-Based Remote Access	Supported

AI Model Flexibility

Specification	Value
Custom AI Model Upload	Supported
Customer-Owned Models	Yes
Vendor Lock-In	No Mandatory Dependency
Integration Support	Contact Required for Validation

