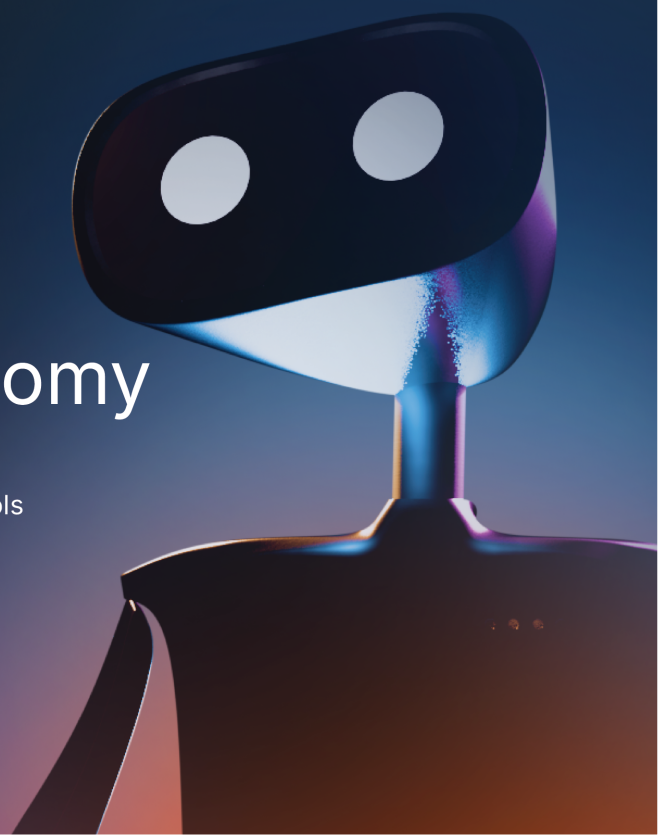
flytbase | AI R

Power Your Site With AI-Driven Drone Autonomy



Transform drones from flying cameras into decision-making tools that detect, analyze, and respond to what they see.

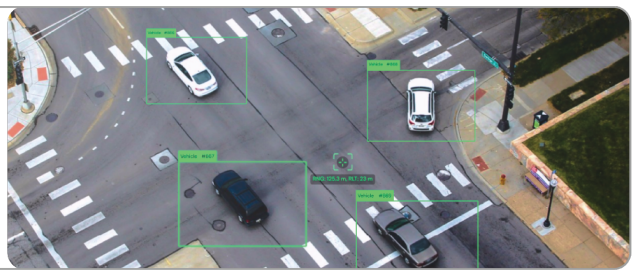
ISO 27001 · AICPA SOC SOC 2 Type II · GDPR

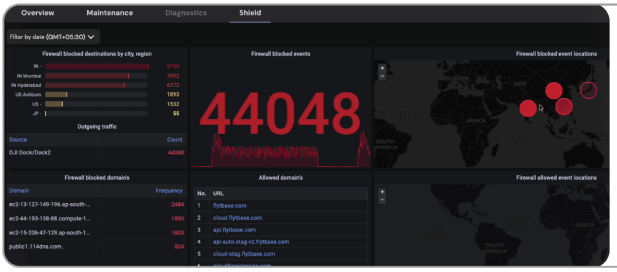
AI-R Capabilities Powering Drone Teams Today

Designed for operational security, cost efficiency, and complete site awareness, AI-R Edge enables teams to transform drone data into actionable intelligence. Our edge computing solution helps organizations identify issues, analyze patterns, and respond to conditions across entire facilities without constant human monitoring.

AI Site Analysis & Alerts

Transform site monitoring with intelligent analytics that automatically identify anomalies, detect patterns, and generate prioritized alerts. Operators gain complete facility awareness while focusing only on verified situations, eliminating hours of manual video review.



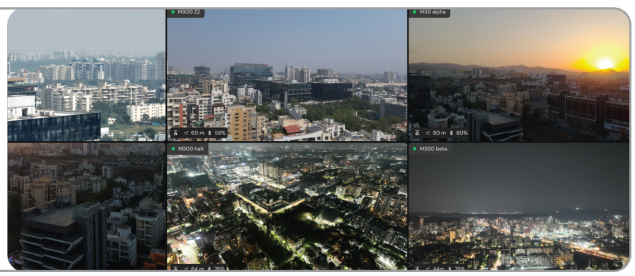


Advanced Data Security

Gain full control of drone data with a secure sandboxed environment. Monitor network activity, enforce firewall protection, set allow/deny lists, track via interactive maps, and automate server blocking by region.

Live Streaming Engine

Reduce video streaming costs by up to 5X with AI-R Edge. Process video locally eliminate cloud dependency and encode/decode on-site. Securely stream the feed to your command center via private networks or VPN.



Meet AI-R Edge

A compact, industrial-grade Accelerated Compute Unit (ACU) that empowers docked drones to be truly intelligent. Deployable in a dock's communication box or a central server rack, AI-R Edge offers flexible installation options to fit any enterprise environment. Currently compatible with DJI Dock and DJI Dock 2.

Ruggedized
Computer with wide temperature operation

600W, 85~264 VAC AC-DC

Intel i5 14th Gen, CPU with 16GB DDR5 RAM

Nvidia A2000 prfessional GPU, 104 Tensor Cores, 63 TFLOPS Tensor Performence

1TB
Drone media storage with an additional expansion slot

512GB
Internal SSD for base software



Operational temprature range -

-25°C to 60°C or -13°F to 140°F

Humidity: 10% to 90%, non-condensing

4xRJ45
Ethernet Ports

Dual WAN (internet connection) with automatic failover*

Sanitized port for docks

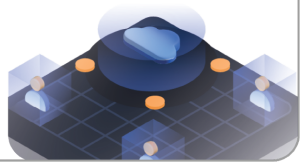
(1xPort for peripheral devices)

Join AI-R Ecosystem Partner Program

Build the AI-driven automation you need for your drone operations by integrating custom models, enterprise systems, and hardware devices with AI-R Edge.

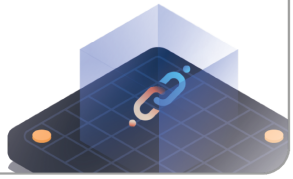
Bring Your Own Model (BYOM)

Deploy your own AI models on the edge—tailored to your use case and continuously optimized by FlytBase.



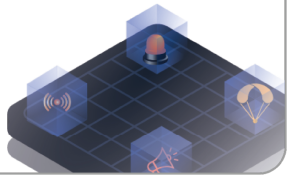
Flinks Program

Connect edge applications to downstream systems like video management software (VMS), mapping tools, or analytics engines in real time.



System Integrator (SI) Program

Build end-to-end automation with third-party sensors, alarms, lighting systems, and enterprise platforms.



Consult our drone autonomy experts to get started with your docked drone operations

contact@flytbase.com
flytbase.com
+1 (341) 208 4715