

VION APEX

Watches for everything at once

The flagship of the VION line — 100 TOPS of on-board reasoning

SEVERAL JOBS AT ONCE

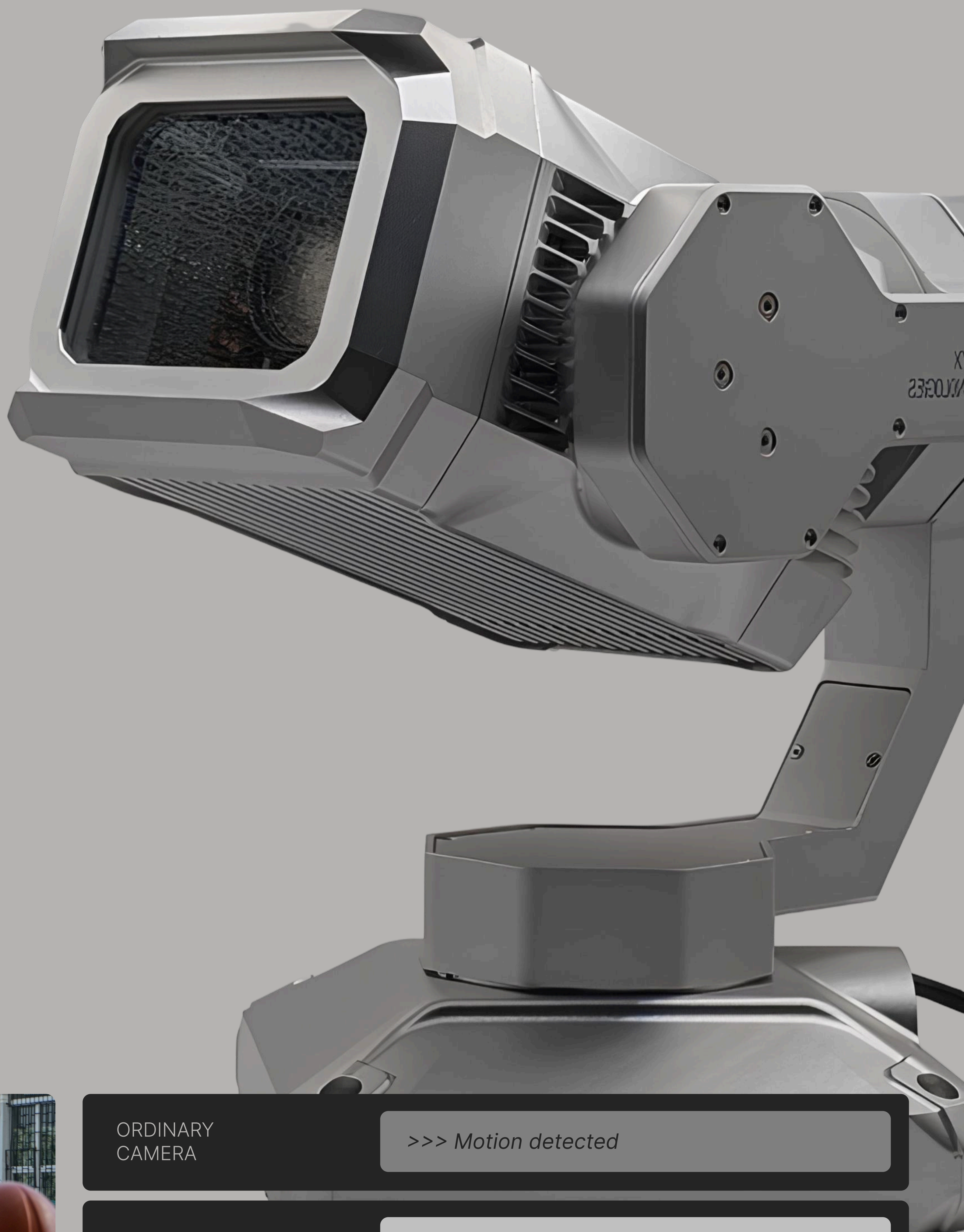
— safety, logistics
and progress
tracking on a single
camera

REASONS IN DEPTH

— a larger vision-language
model, running entirely on
board

RECONFIGURED BY A SENTENCE

— a new task is a plain-
language prompt



ORDINARY
CAMERA

>>> Motion detected

VION

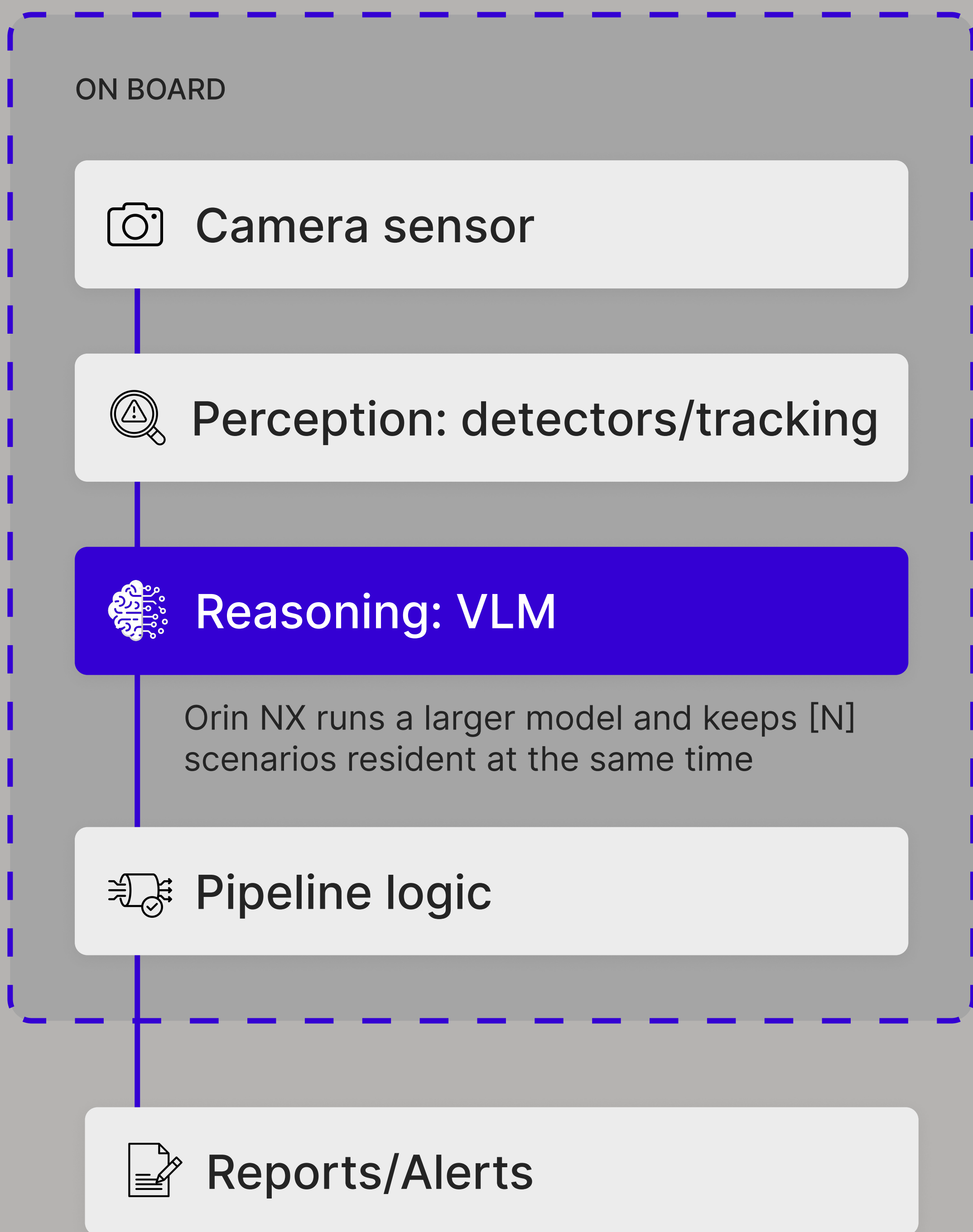
07:12 — Worker without a helmet entered the restricted zone near the crane. Supervisor notified.

07:12 — Truck 41-A at gate 2, unloading rebar. Time on site: 26 min.

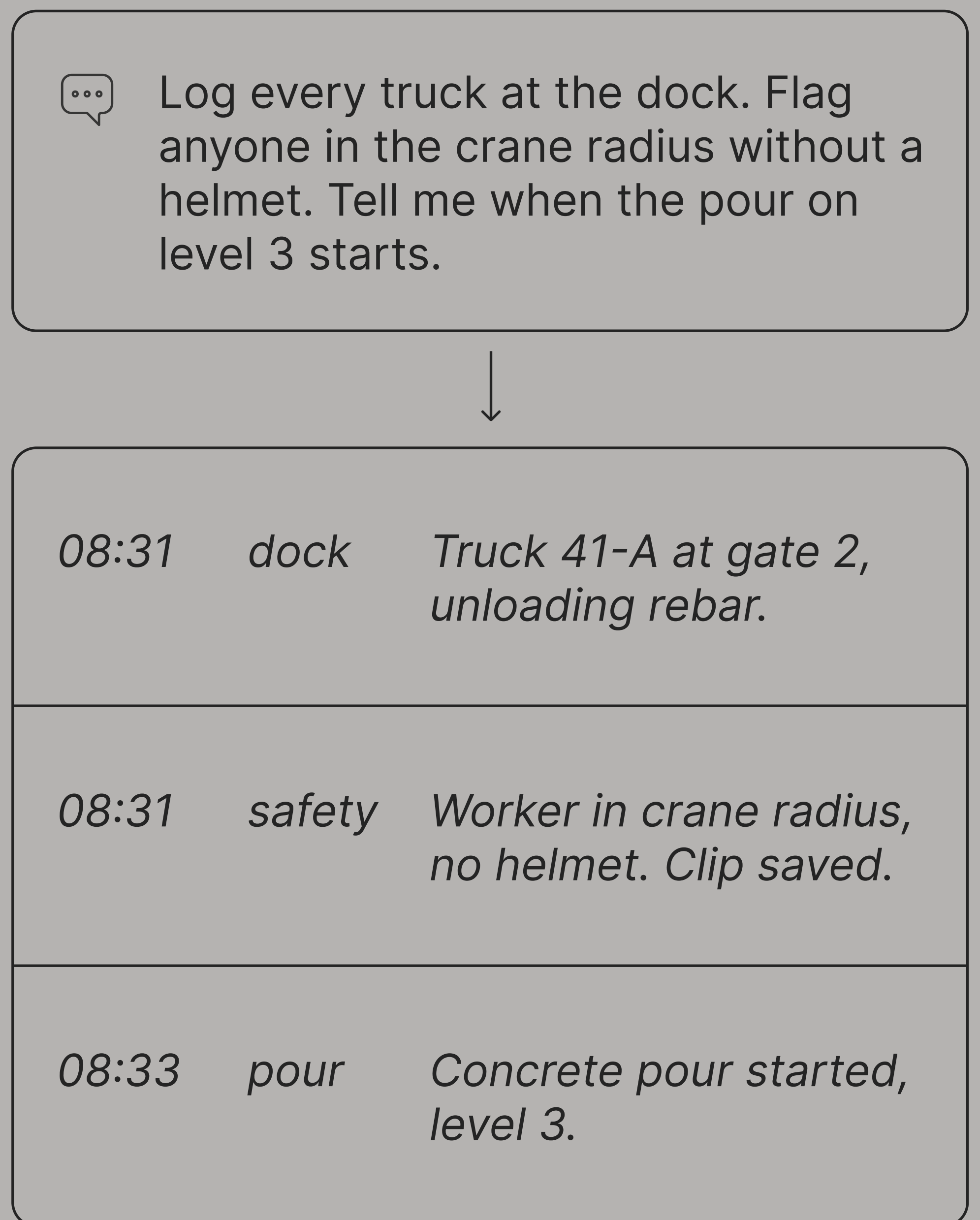
All AI runs on the device. Only text leaves the site — sovereign by design

Reasoning at the edge

FROM PIXELS TO SENTENCES



TALK TO IT



READY-MADE PRESETS



Progress reports



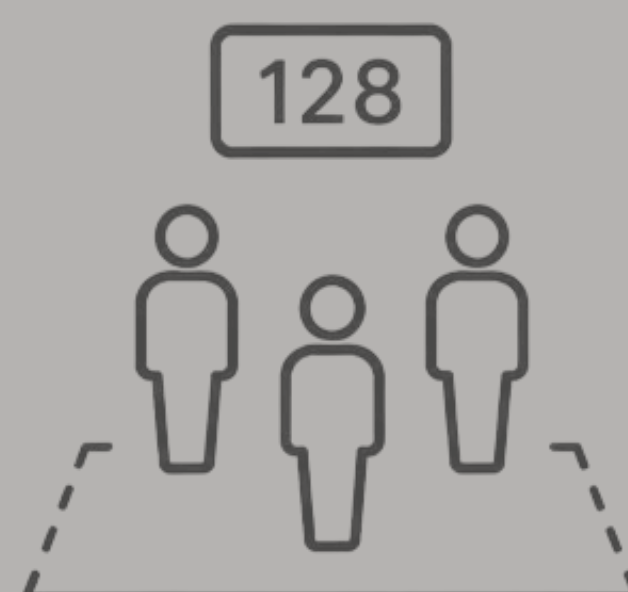
Contractor control



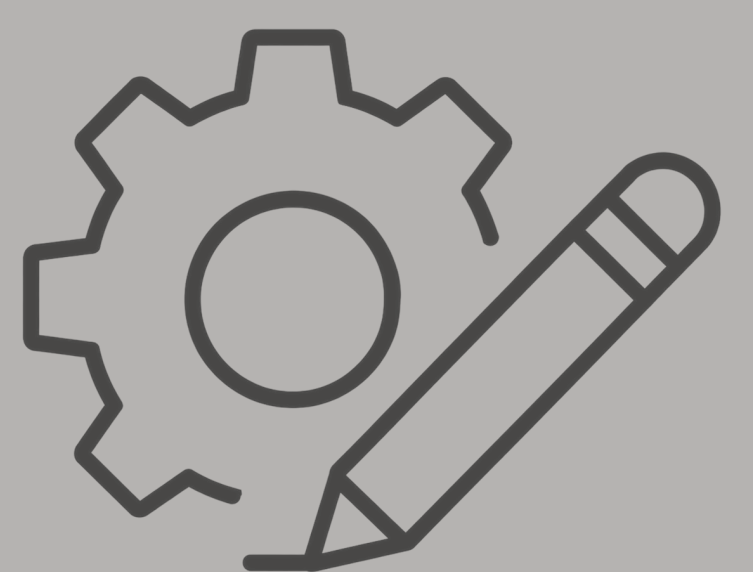
Perimeter patrol (PTZ auto-tour)



Incident detection (fall, fire, conflict)



Zone occupancy & counting



Custom — anything you can describe

FITS YOUR SYSTEMS

To people



WhatsApp



Email



Web dashboard

To systems



Webhook



MQTT

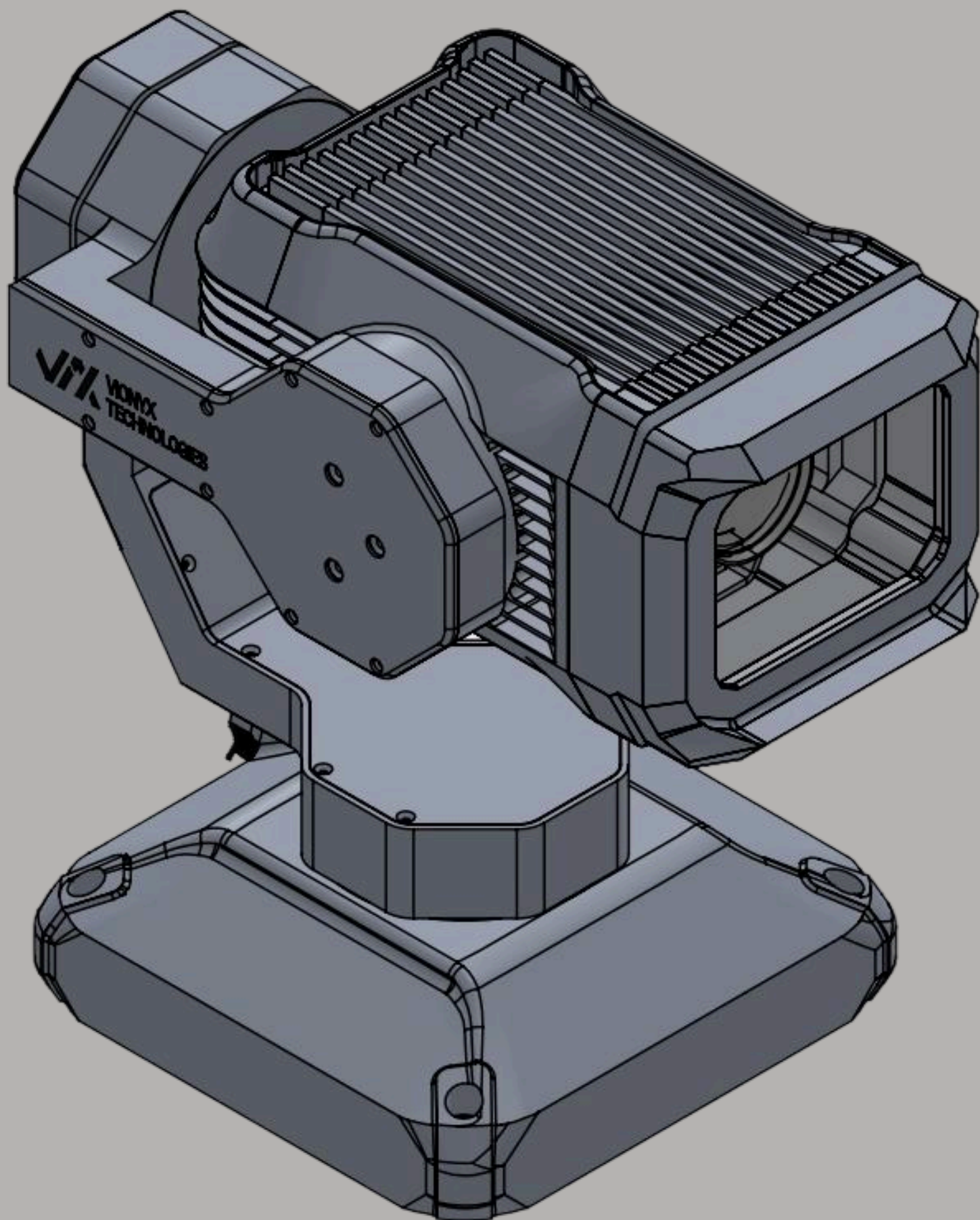
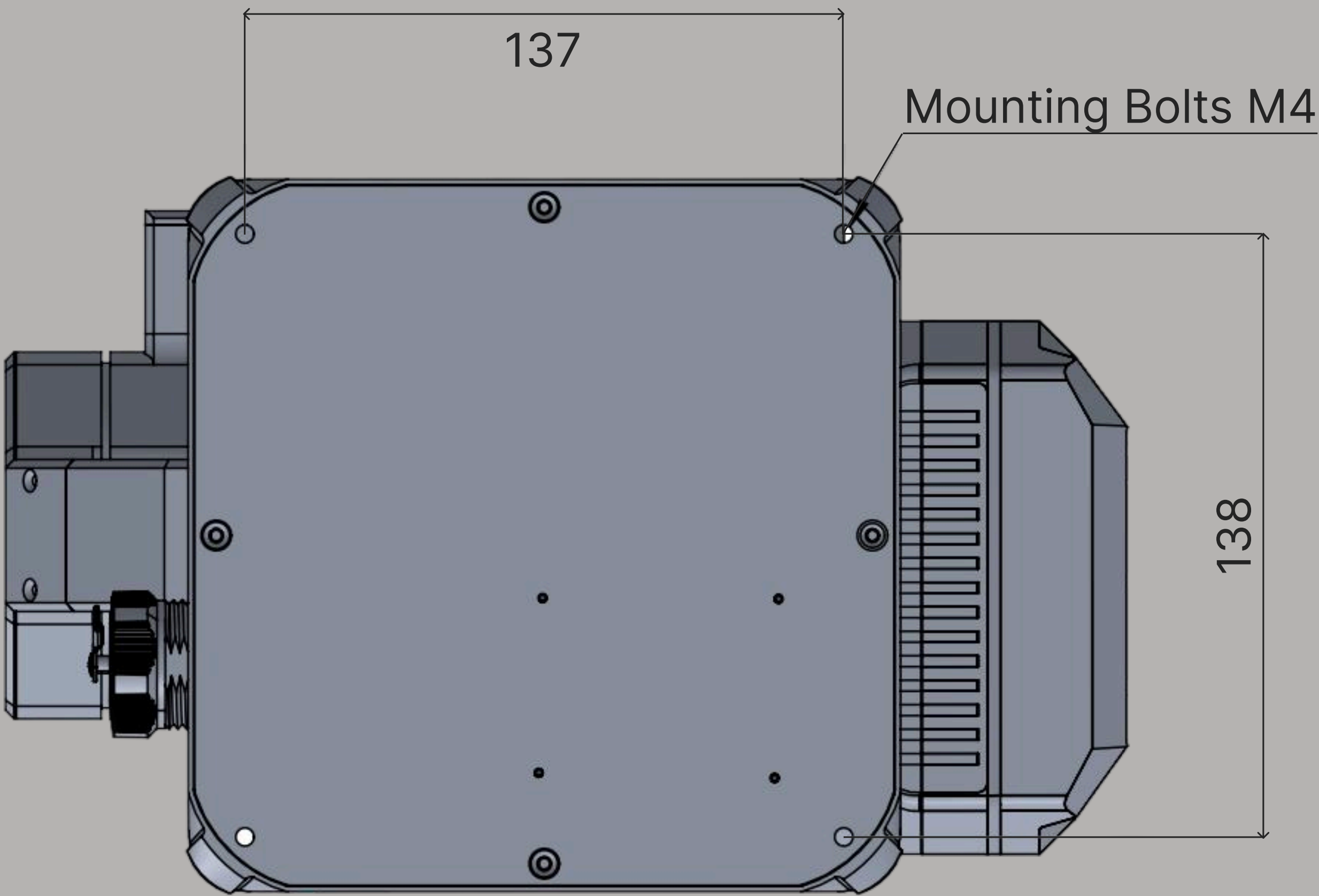


REST API

Technical specifications

Image sensor	1/2.8" 3840×2160
Lens / zoom	5.1~153mm, 30x Optical Zoom
PTZ	3 axis stabilized gimbal
AI compute	NVIDIA Jetson Orin NX, up to 100 TOPS
Stabilization	Stabilized gimbal
Video	3840×2160 30 fps
Connectivity	Gigabit Ethernet port
Operating temp.	-10 ... + 50 °C
Ingress protection	IP66
Housing	CNC-machined aluminium
Cooling	Passive cooling

MOUNTING HOLES GUIDE



Built for real sites

WORKS WHERE INFRASTRUCTURE DOESN'T

Kilobytes, not gigabytes

*Runs on a 4G dongle.
Video never leaves the
site — only text*

Keeps working offline

*Connection drops,
processing doesn't.
Reports queue and
sync later*

Sealed for the field

*IP66, machined
aluminium.
Dust and +[XX] °C*

LINE-UP

APEX	
AI compute	Jetson Orin NX · up to 100 TOPS
Best for	Heavy VLM workloads, multi-task scenes

WHAT'S IN THE BOX

Ships complete: camera, mount, PoE injector, cables, quick start guide