

VION NEXA

The camera that understands what it sees

UNDERSTANDS CONTEXT

— scene reasoning on
board, not pattern
matching

ACTS AUTONOMOUSLY

— pans, zooms and
inspects on its own

RECONFIGURED BY A SENTENCE

— a new task is a plain-
language prompt



ORDINARY
CAMERA

>>> Motion detected

VION

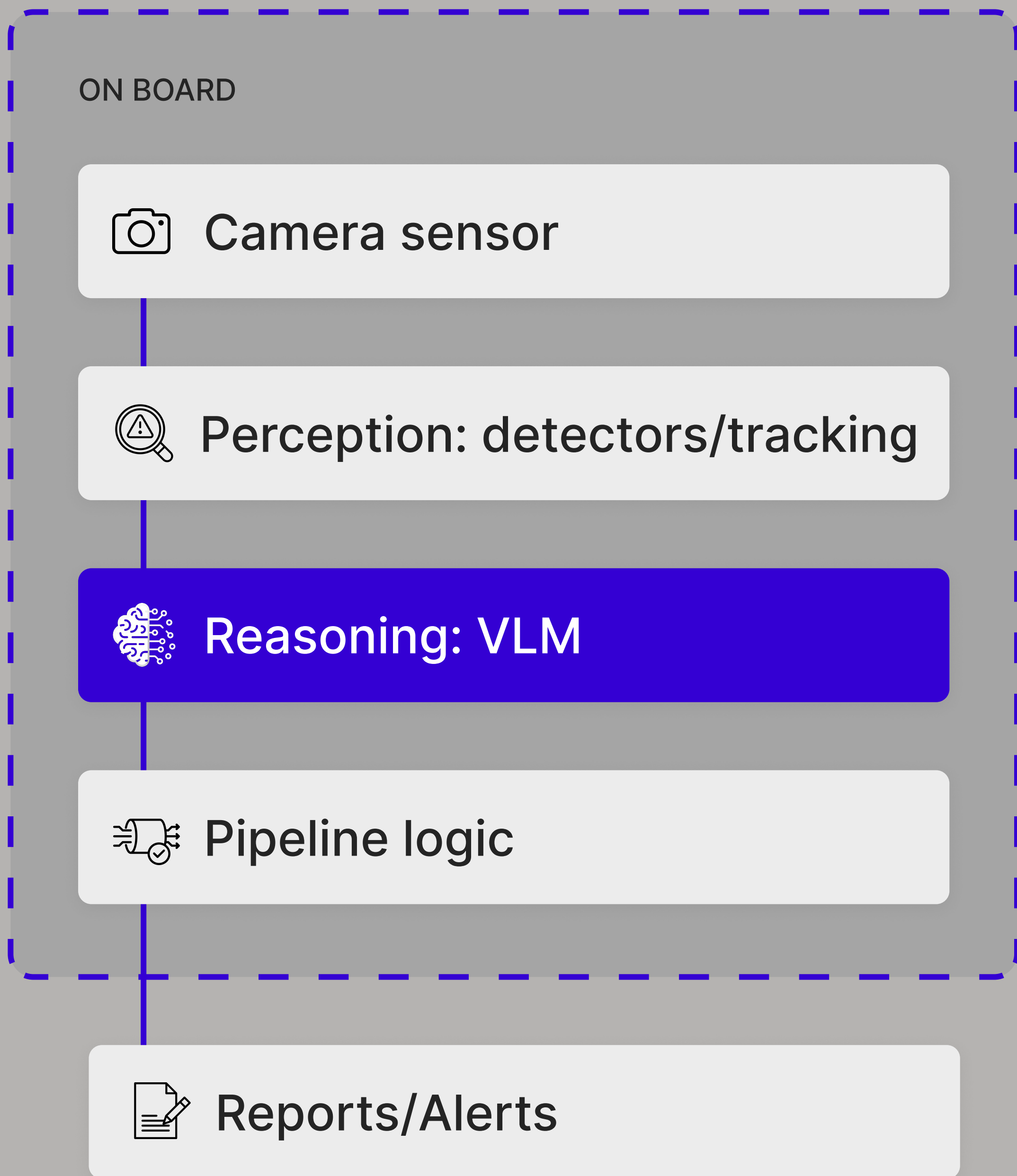
>>> Worker without a
helmet entered the
restricted zone near the
crane. Supervisor notified.
Clip saved: 14:32.



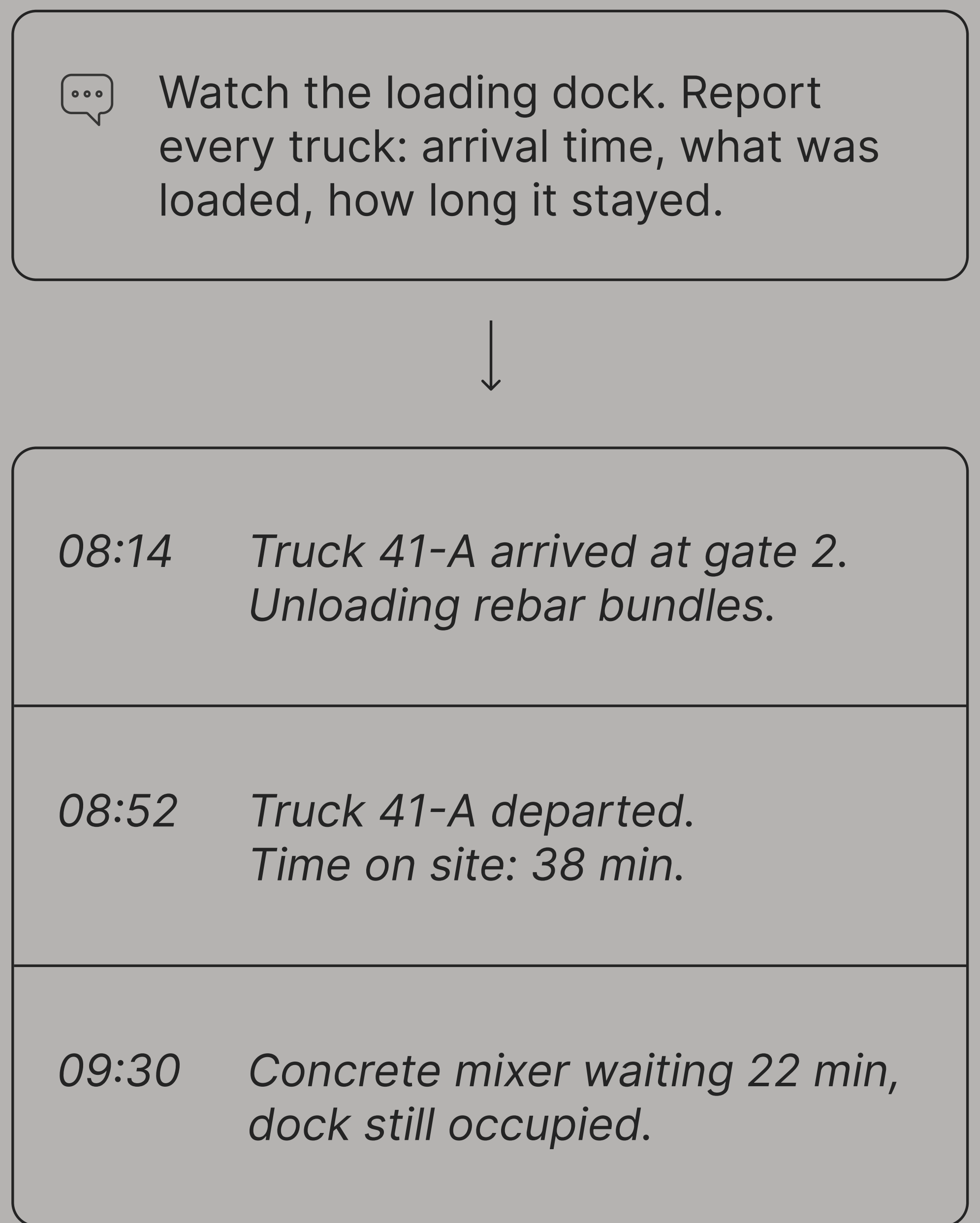
All AI runs on the device.
Only text leaves the site
— sovereign by design

Reasoning at the edge

FROM PIXELS TO SENTENCES



TALK TO IT



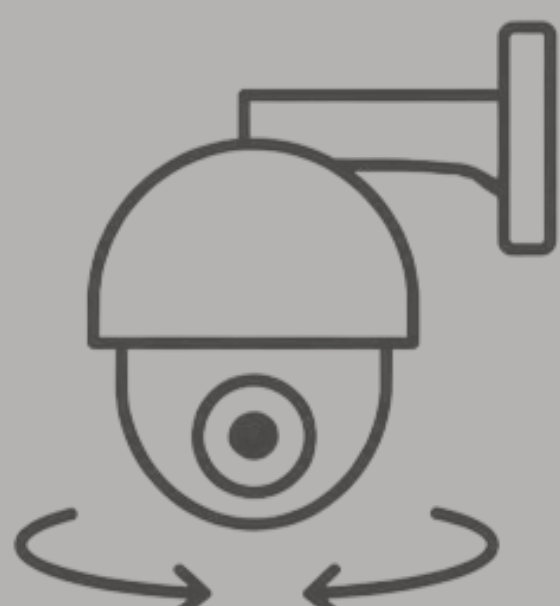
READY-MADE PRESETS



Progress reports



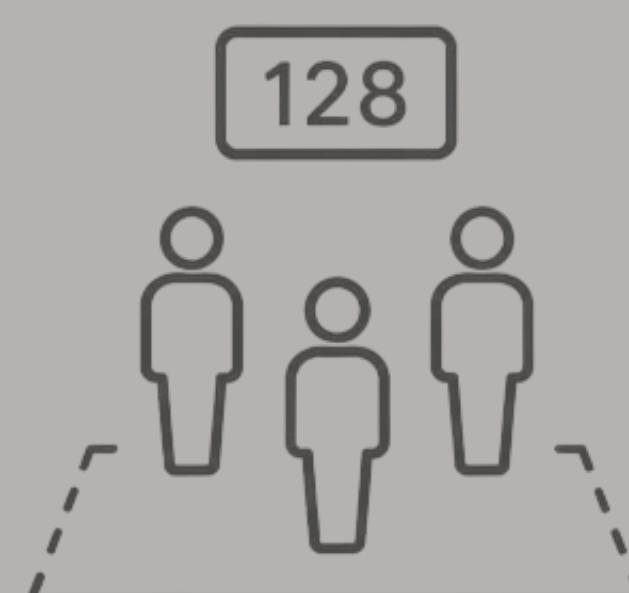
Contractor control



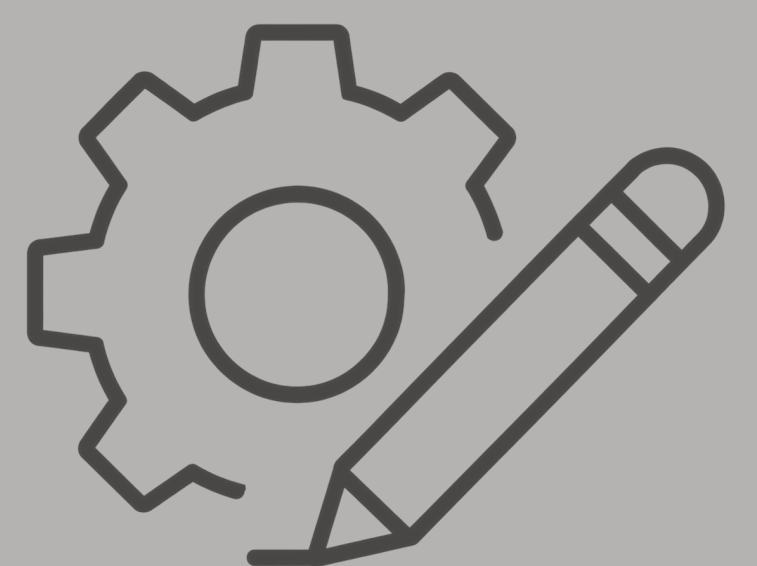
Perimeter patrol
(PTZ auto-tour)



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

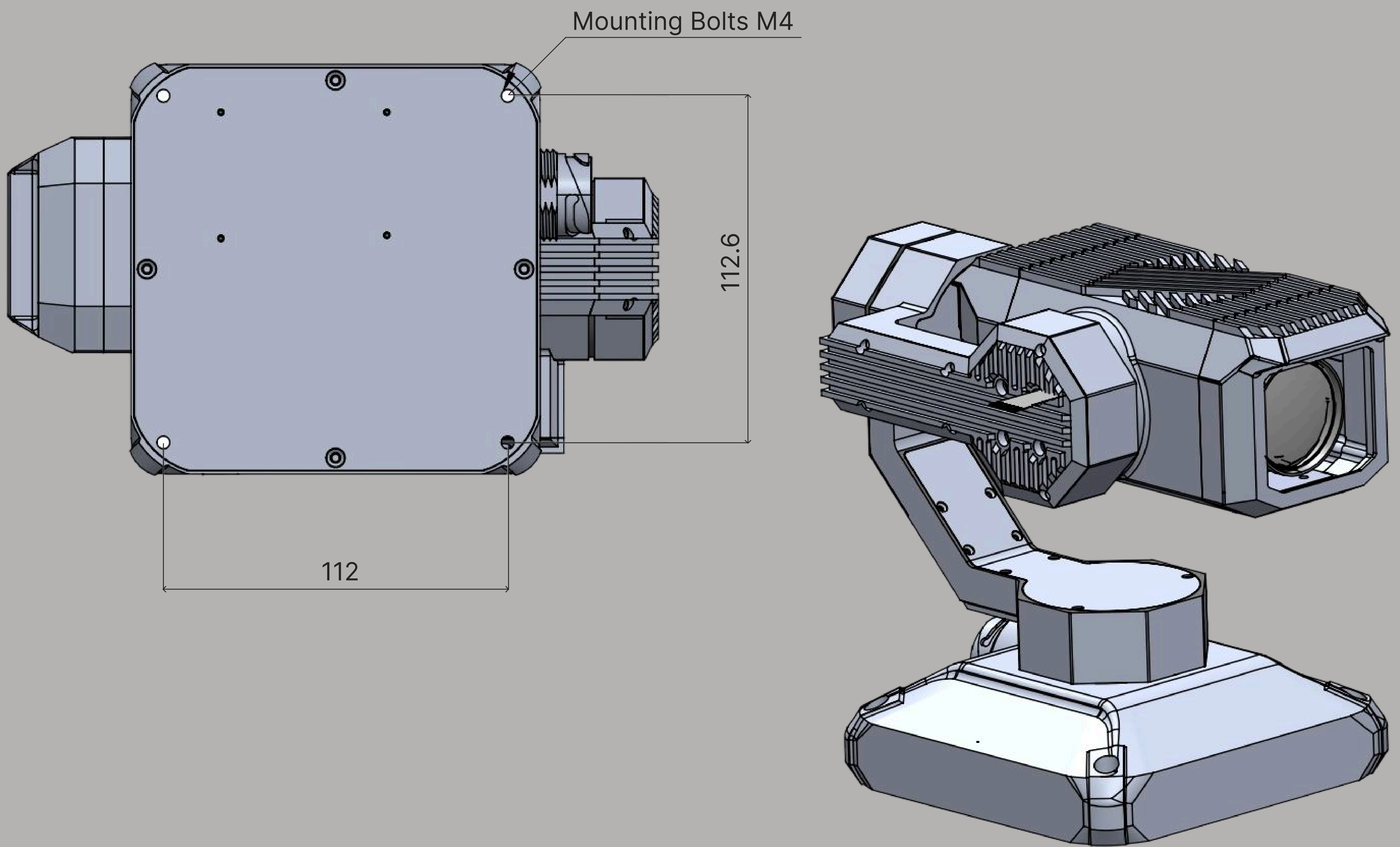


REST API

Technical specifications

Image sensor	1/2.8" 3840×2160
Lens / zoom	5~50mm, 10x Optical Zoom
PTZ	3 axis stabilized gimbal
AI compute	Rockchip RK3588, 6 TOPS NPU
Video	3840×2160 30 fps
Connectivity	Gigabit Ethernet port
Operating temp.	-10 ... + 50, °C passive cooling, no fans
Ingress protection	IP66
Housing	CNC-machined aluminium

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*

No fans, no filters

*Passive cooling,
sealed housing.
Dust and +50 °C.*

LINE-UP

NEXA	
AI compute	RK3588 · 6 TOPS
Best for	Standard monitoring & reporting

WHAT'S IN THE BOX

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