

AUTONOMOUS
SECURITY FORCE

KNIGHTSCOPE


EMERGENCY
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AUTONOMOUS
SECURITY FORCE

ESCALATION MODEL (ASF-7)

AUTONOMOUS LAYER

- LEVEL 1 – Autonomous Detection
  Autonomous Security Robots (ASR) and connected sensors detect, record, and classify activity.
- LEVEL 2 – AI Agents
  Agents filter noise, eliminate false positives, auto-resolve routine events.
- LEVEL 3 – Orchestrated Autonomy
  Machines + AI collaborate - repositioning, cueing cameras, issuing automated warnings without human intervention.

REMOTE COMMAND LAYER

- LEVEL 4 – Mission Intelligence Analyst
  Human verification. Incident documentation. Controlled intervention.
- LEVEL 5 – Mission Intelligence Lead
  Risk assessment. Escalation authority. Command decisions.

PHYSICAL RESPONSE LAYER

- LEVEL 6 – Augmented Security Agent (ASA)
  On-site response - armed or unarmed - supported by live machine intelligence and the Mission Intelligence team.
- LEVEL 7 – Law Enforcement Engagement
  Public authority engaged when legal threshold is met.

Managed Service Provider

Security today is fragmented.
Alerts everywhere.
Ownership nowhere.

Disconnected systems, multiple vendors, and delayed response create dangerous gaps.

Knightscope's Autonomous Security Force (ASF) replaces that model with a single, integrated operation. Autonomous machines, AI-driven software, and human response work together as one orchestrated system, delivered as a managed security service.

Powered by Signals, every detection becomes actionable, every alert is verified, and every incident is managed through resolution in real time.

At the core of the Autonomous Security Force is a structured escalation model (ASF-7) that governs how incidents are detected, analyzed, and resolved. From autonomous detection and AI-driven filtering to human verification and on-site response, each level is designed to reduce noise, accelerate decisions, and ensure the right action is taken at the right time with auditable proof-of-work and scene recreation capabilities.

K1
Hemisphere

Secure the Entry

The K1 Hemisphere is a stationary, high-visibility security device built to secure entry points and high-risk micro-locations. Designed for outdoor use, it delivers targeted coverage exactly where incidents occur, combining deterrence, real-time communication, and intelligent monitoring in a single fixed unit.

When installed at eye-level and monitored effectively, the K1 Hemisphere turns passive monitoring into an interactive security presence, enabling immediate response, improved documentation, and stronger control at key access points.

- Up to ~210° eye-level high-definition video coverage
- Two-way audio with call button for live assistance
- Automated announcements
- Strobe light for deterrence
- Detection of people, vehicles, and license plates

K5

Autonomous Security Robot

Secure the Premises

The K5 Autonomous Security Robot (ASR) is built for structured outdoor environments where visibility, deterrence, and consistent patrol matter most. This machine delivers continuous, autonomous patrol across defined routes, combining intelligent sensing with a highly visible presence.

Operating at pedestrian speeds, the K5 navigates real-world environments like parking lots, campuses, and walkways while capturing and analyzing activity in real time. This always-on security layer improves awareness and strengthens exterior coverage without increasing headcount.

- 360° high-definition video with thermal imaging
- Detection of people, devices, and license plates
- Two-way audio and broadcast messaging
- Quad strobe lights for deterrence
- Real-time alerts with continuous recording and incident documentation
- Custom patrol paths designed for specific locations

K7

Autonomous Security Robot

Secure the Perimeter

The K7 is a next-generation Autonomous Security Robot (ASR) built to secure large outdoor environments. Designed for scale, the K7 delivers continuous, autonomous patrol across expansive properties, combining light-duty off-road capabilities with advanced sensing and real-time awareness.

The K7 is designed to secure large, dynamic environments such as logistics hubs, industrial sites, commercial properties, and expansive public spaces where human patrols struggle to maintain effective coverage through human guards alone.

- Light-duty off-road capability
- Long-range navigation with speeds up to 10 mph
- 360° high-definition video with PTZ and thermal imaging
- Advanced detection of people, vehicles, and license plates
- Live talk-down capability

K1
Capsule



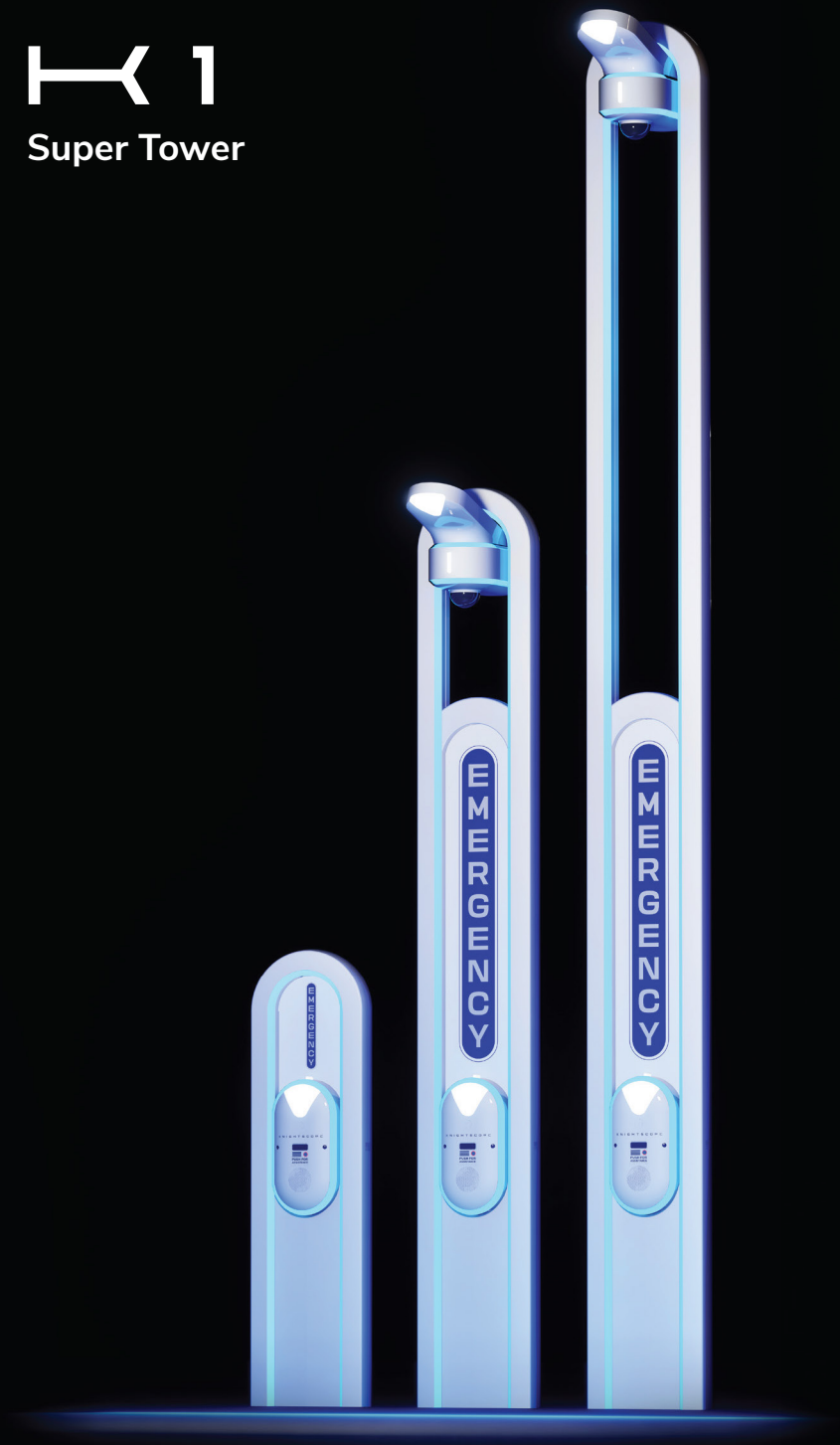
Secure the Immediate

The K1 Capsule is a next-generation blue light technology device. Ideal for campuses, parking structures, corporate sites, and public spaces, it delivers always-on awareness, real-time response, and visible deterrence in a compact form factor.

With AI analytics, 360° video coverage, and two-way communication, the K1 Capsule helps deter incidents, accelerate response times, and reduce reliance on onsite personnel. The device can be mounted to walls for seamless integration with existing architecture or securely strapped to light poles or signposts.

- Blue light beacon for high visibility and deterrence
- 360° HD video with AI-powered detection
- Two-way audio and one-way video intercom with public talk-down system
- AI-driven detection (people, vehicles, license plates, devices)

K1
Super Tower



Secure the Area

The K1 Super Tower is a high-visibility, long-range, all-in-one security and emergency communication solution built to secure large outdoor areas, perimeters, and critical infrastructure. Available in 7, 14, and 21 foot versions, the K1 Super Tower is designed for logistics hubs, schools, construction sites, parking lots, and municipalities. It combines elevated surveillance, street lighting, and real-time communication to create a commanding security presence.

With extended height and advanced sensing, the K1 Super Tower delivers broader coverage, stronger deterrence, and actionable intelligence - day or night. Ideal for new or existing builds, the K1 Super Tower installs on a standard concrete footing for optimal integrity.

- Elevated 7', 14', and 21' platform for maximum visibility and coverage
- PTZ camera with long-range zoom and 360° situational awareness (available on 14' and 21')
- High-output area lighting with blue light deterrence
- Two-way intercom and live public address
- AI-driven detection (people, vehicles, license plates, devices)

ASA

Augmented Security Agent



Secure the Site

Knightscope's Augmented Security Agents (ASA) are the on-site response human layer of the solution. This enables us to bring humans, hardware, and software together into one orchestrated security operation.

Agents extend your security program with on-site presence and rapid response, powered by live data, AI-driven insights, and centralized command. Built on proven guarding and executive protection capabilities, the Knightscope Security Force delivers a more responsive, connected, and effective approach than traditional human guarding alone.

- Professionally trained armed and unarmed agents
- Real-time coordination with autonomous systems and remote operations
- Continuous coverage across patrol, post, and incident response
- Integrated reporting and audit trails

SIGNALS

Digital Twin



Unify the Force

Signals is the central intelligence layer that unifies Knightscope's technology into a single, orchestrated system. It integrates autonomous machines, advanced sensors, and human oversight into a real-time operational platform that delivers continuous awareness, automated response, and controlled escalation.

Designed to detect disturbances for our Mission Intelligence monitoring team, Signals transforms fragmented security tools into a cohesive, high-performance operation, enabling faster decisions, more precise responses, and complete visibility across environments.

- Real-time detection, analysis, and incident orchestration
- AI-driven filtering and automated response
- Structured escalation from autonomy to human command
- Full visibility from detection through resolution
- Complete audit trail with incident reconstruction and reporting

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