Ambient.ai

AMBIENT FOUNDATION

The AI-Native VMS for Agentic Monitoring

THE PROBLEM

Passive & Reactive Security

Traditional physical security has become a passive, reactive model that doesn't scale:

- **Overwhelming:** too many feeds to watch constantly
- **Manual:** hours spent reviewing footage after an incident
- **Doesn't scale:** guards can't be everywhere all the time

"Humans lose ~95% of their attention on video monitors after 20 minutes."

NIJ | NATIONAL INSTITUTE OF JUSTICE
ADVANCING JUSTICE THROUGH SCIENCE

THE SHIFT

Reasoning AI Enables Agentic Monitoring

Motion or object detection isn't enough to fix it. Reasoning AI understands activity in context, connects events over time, and discerns what matters.

This enables a new operating model: Agentic Physical Security. The first step is Agentic Monitoring, where AI continuously perceives and indexes activity across cameras to surface what matters in real time. The GSOC shifts from static to a dynamic, adaptive command center.

THE SOLUTION

Ambient Foundation: See What Matters, Instantly

Ambient Foundation is the first AI-native VMS, built for agentic monitoring to deliver focused, always-on situational awareness across any security camera.

Always-on Intelligence For Operators: You focus on prevention and response. Ambient Intelligence takes care of monitoring.

See What Matters In Real Time: Automatically surfaces and contextualizes active feeds. No more static or autoplay screens.

Ask Your Cameras Anything: Search video using plain language to instantly find people and vehicles. No more hours of footage review.

Built For Scale: Edge-optimized AI with a unified Cloud SOC for distributed operations.

Bring-Your-Own-Camera: Integrates with any existing camera. No rip-and-replace.

"Ambient.ai has raised us to a new level. We've got sites all over the world, and my stress level has gone down because I have way better visibility."

BRENT KENNEDY
Sr. Manager of Global Security & Safety

SentinelOne

THE BENEFITS
Operate at Scale Without Adding Headcount

10,000+ of operator hours saved annually through autonomous monitoring and prioritization	**Focused, always-on situational awareness** across all cameras without increasing headcount or screen time	**20x faster investigations,** enabling operators to find critical footage in seconds instead of hours
Scalable monitoring across distributed environments, including mobile teams and large guard forces	**Reduced operator fatigue** by eliminating the need for constant manual observation and feed cycling	**3x higher reasoning performance** than competing security solutions using VLM-based perception

INSIDE AMBIENT FOUNDATION
CORE CAPABILITIES

Ambient Intelligence

Visual Perception Engine: Converts video into structured data to detect people, objects, and activities.

Real-Time Stream Indexing: Continuously indexes and tags activity for immediate search and retrieval.

Ambient Pulsar (Vision-Language Model): Enables human-level reasoning at machine speed.

Management & Monitoring

Bring-Your-Own-Camera: Out-of-the-box support for 200+ ONVIF-compliant cameras.

Agentic Video Walls: Automatically surface video feeds with relevant activity in real time.

Camera Management: Simple onboarding and configuration of cameras.

Health Monitoring: Real-time visibility into camera health to prevent blind spots.

Multi-Site Management: Centralized configuration and oversight across sites and assets.

Insights: Operational analytics on system usage and operator activity.

Enterprise Security: RBAC, SSO, and SOC 2–aligned security controls.

Audit Log: Complete record of system activity and operator actions.

Mobile Apps: Access Ambient Foundation on iOS, Android, and iPadOS.

Search & Review

Semantic Search: Use plain language to instantly find people, vehicles, and activity.

Grid Search: Scan areas of a scene to locate people or vehicles at specific points in time.

Scene Search: Search entire scenes to find people or vehicles based on visual context.