



USE CASE:

CAMERA READINESS THROUGH AUTOMATED ASSURANCE

Know Your Cameras Are Ready For The Systems That Depend On Them

Security teams have sophisticated tools for monitoring whether cameras are online, connected, and recording. But camera availability doesn't always tell you whether the resulting video is usable.

A camera can remain technically operational while blur, obstruction, changing lighting, altered field of view, or other conditions reduce the quality of the image. That matters because security video increasingly supports live surveillance, investigations, AI analytics, and other applications that depend on the visual information the camera provides.

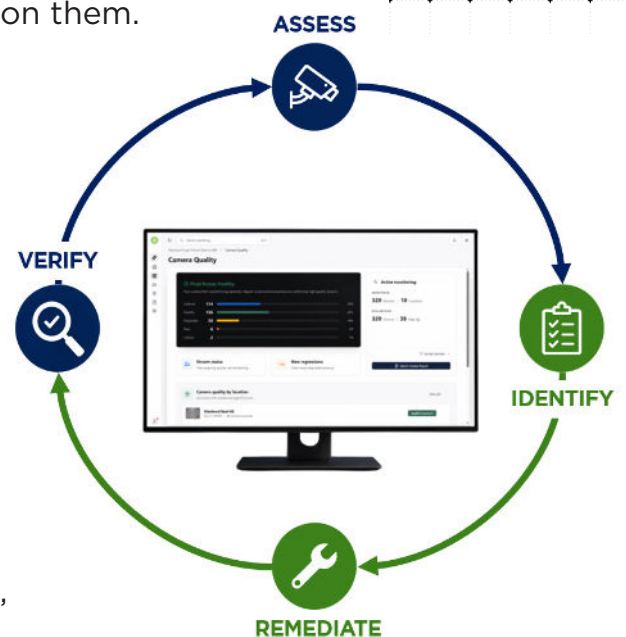
That creates an assurance gap: organizations know whether their cameras are available, but may lack a scalable way to determine whether they're ready for the systems that depend on them.

INTRODUCING OMNILERT CAMERA HEALTH

Omnilert Camera Health brings automated assurance to the video environment.

Camera Health automatically evaluates camera imagery to identify conditions that may affect its operational usefulness. Across large camera environments, teams gain a consistent view of camera readiness without relying on repetitive manual inspections.

Findings are scored and prioritized so teams can quickly identify cameras requiring attention, investigate the underlying issue, document findings, and move cameras into a remediation workflow.



OMNILERT CAMERA HEALTH **MAINTAINS CAMERA READINESS**

Omnilert Camera Health connects to existing IP camera feeds and continuously evaluates image quality using AI. It analyzes real-world performance indicators such as:

- Image clarity and focus
- Blur and other image degradation
- Obstructions
- Lighting and visibility
- Field of view and camera positioning
- Visual detail / pixel density considerations
- And **120+ additional video attributes**

Each camera is scored objectively, providing clear insight into which cameras are performing as expected and which are at risk. No baseline “perfect image” is required. Omnilert CQ evaluates cameras as they exist in real operating conditions.

Surveillance, investigations, AI analytics, and other video-dependent applications rely on the visual information cameras provide. Camera Health helps maintain the quality of that foundation.

REDUCING OPERATIONAL RISK

With Omnilert Camera Health in place, organizations move from reactive camera maintenance to proactive assurance. Instead of discovering issues during an incident or investigation, teams gain early visibility into cameras that have degraded due to focus drift, obstruction, misalignment, or changing lighting conditions. This allows problems to be addressed on a planned timeline, rather than under pressure.

Camera Health also replaces subjective or inconsistent camera checks with objective, repeatable assessments. Security and IT teams can clearly see which cameras are performing as expected and which require attention, making it easier to prioritize maintenance, justify adjustments or upgrades, and allocate resources efficiently. Over time, this reduces manual inspection effort, improves system reliability, and ensures that cameras remain a dependable part of day-to-day operations and emergency response.

By using Omnilert Camera Health, organizations maintain confidence that their camera systems are doing what they were designed to do: providing usable, reliable video every day, not just on paper.

The worst time to discover a camera problem is after you need the video.

Know your cameras are ready.

If you are interested in learning more about how Omnilert Camera Health can help protect your organization, **schedule a demo today!**