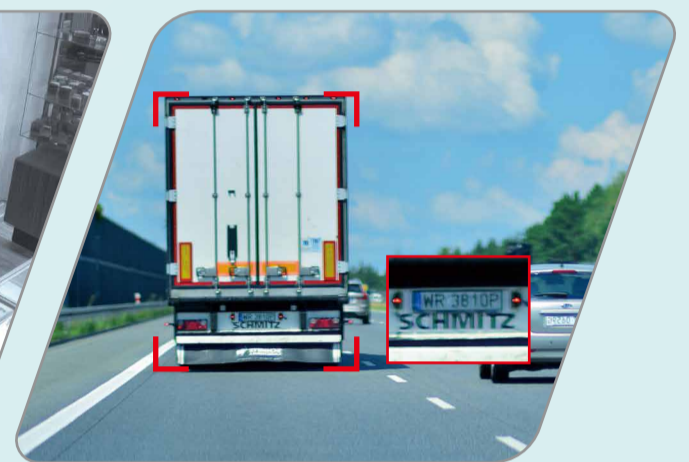
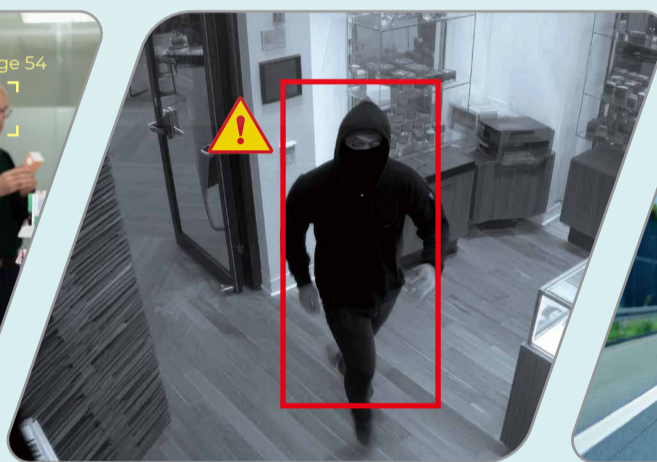


Sysgration's Edge AI Box featuring Qualcomm Insight Platform



Qualcomm[®] Insight Platform
+
AIX-8000



Next-Generation Video Intelligence & Edge AI Solution

The Sysgration × Qualcomm[®] Insight Platform delivers a powerful, end-to-end video intelligence solution. Combining Qualcomm's industry-leading AI compute with Sysgration's robust hardware, the platform transforms standard video feeds into real-time operational excellence.

Core Highlights

- ▶ **Flexible Deployment:** Managed centrally via cloud or locally at the edge.
- ▶ **Edge-First Analytics:** Local processing on AI cameras/Edge Boxes minimizes latency and bandwidth by sending only metadata/thumbnails to the cloud.
- ▶ **On-Device AI Models:** Real-time tracking and detection for motion, objects, people, faces, vehicles, and weapons.
- ▶ **Multimodal Engine:** Combines Vision Transformers (ViT), CNNs, and Visual Language Models (VLMs).
- ▶ **GenAI & LLM Integration:** Features Merlin, an AI assistant for natural language video search, smart captioning, and automated incident summaries.
- ▶ **Enterprise Security:** Secure boot, trusted execution environments, and encrypted data transmission.

Core Features & Capabilities

- ▶ **Spatial Intelligence ("Footprints"):** Cross-camera Re-ID, path tracking, and real-time spatial awareness.
- ▶ **Multimodal AI Assistant (Merlin):** Integrated LLM + VLM for natural language video search, smart captioning, and automated reporting.
- ▶ **Flexible Deployment & BYOM:** On-prem, hybrid, or public cloud setup with OTA firmware updates and Bring Your Own Model (BYOM) support.
- ▶ **Universal Access:** Secure desktop and mobile dashboards accessible anywhere without a VPN.

Industry Applications & Cross-Sector Use Cases

The Sysgration × Qualcomm[®] Insight Platform adapts seamlessly across various industrial and commercial sectors:

Smart Cities & Transport

Manufacturing & Logistics

Energy & Utilities

Retail & Commercial

Healthcare & Education