



# MLINZI SMART

Next-Generation Local AI Video Surveillance & NVR

Transform your existing security cameras into an active, intelligent monitoring system. Mlinzi Smart delivers real-time threat detection, advanced natural language search, and zero cloud subscription fees.

## WHY CHOOSE MLINZI SMART?

**Real-Time AI Detection**

Eliminate false alarms caused by rain, shadows, or trees. Mlinzi Smart accurately detects and categorizes people, cars, motorcycles, and custom objects across all feeds in real time.

**100% Private & Local**

No more sending sensitive video data to external cloud servers. All AI processing, video recording, and analytics happen directly on your dedicated on-premise hardware.

**Zero Subscription Fees**

Say goodbye to expensive per-camera monthly cloud fees. You own the hardware and software deployment outright, drastically lowering total cost of ownership.

**Universal Compatibility**

No need to rip and replace. Mlinzi Smart integrates seamlessly with standard IP / RTSP security cameras, including major brands like Hikvision, Dahua, and Axis.

**Stop Scrubbing Timelines. Start Searching.**

Powered by advanced Vision-Language Models (VLM), search through recorded security footage exactly like a search engine.

"White pickup truck entering the main gate at night"

## ENTERPRISE-GRADE PERFORMANCE

| Feature             | Specification & Capability                                                                             |
|---------------------|--------------------------------------------------------------------------------------------------------|
| Camera Capacity     | Handles <b>1 to 60+ High-Definition camera streams</b> concurrently on a single dedicated machine.     |
| Processing Power    | Built with Intel Core Processors and QuickSync technology for ultra-efficient video decoding.          |
| AI Inference Speed  | Utilizes Nvidia RTX GPUs (TensorRT) or AI accelerators for blazing-fast <5ms object detection latency. |
| Generative AI Ready | Optionally integrates local LLMs (like Llama/Qwen) for automated daily incident summaries and reports. |
| Storage Solutions   | Enterprise Surveillance RAID Storage optimized for months of continuous 24/7 high-bitrate recording.   |



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