

FORENSICS

AI Surveillance Solution

AI-enhanced monitoring suite for incident detection, behavioral alerts, and forensic playback.

[AI Surveillance Solution](#)[Official Brochure](#)

SOLUTION SNAPSHOT

<small>ANALYTICS MODULES</small> Intrusion / loitering / crowd / object / face	<small>CAMERA COMPATIBILITY</small> ONVIF / RTSP (any IP camera)	<small>ALERT LATENCY</small> < 1 s real-time detection
<small>CONCURRENT STREAMS</small> Up to 128 per server node	<small>SEARCH SPEED</small> Face / object search < 3 s over 30-day archive	

Built for Real Operations

01

AI-enhanced monitoring suite for incident detection, behavioral alerts, and forensic playback.

APPLICATIONS

Where This Product Fits

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Critical Infrastructure Protection

Monitors power stations, water treatment facilities, and data centres for perimeter breaches and insider threats around the clock.

Retail & Loss Prevention

Detects shoplifting behaviours, queue abandonment, and staff compliance events, reducing shrinkage and improving customer experience.

Smart City & Public Safety

Feeds city-wide camera networks with behaviour analytics and crowd-density alerts to support emergency response and traffic management.

SPECIFICATION

Technical Details

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Analytics Modules	Intrusion / loitering / crowd / object / face
Camera Compatibility	ONVIF / RTSP (any IP camera)
Alert Latency	< 1 s real-time detection
Concurrent Streams	Up to 128 per server node
Search Speed	Face / object search < 3 s over 30-day archive
Storage	On-premise NAS / cloud S3 compatible
API	REST + webhooks for 3rd-party integration
Deployment	Edge appliance / server / cloud
Operating Temp	0 °C to +45 °C (server)
Warranty	Software: annual licence + hardware SLA

"We connected it to our existing 200-camera network in a weekend. Intrusion detection accuracy was above 97% with fewer false alarms than our previous system."

Head of Security Technology

National Critical Infrastructure Operator

RESOURCES

Media & Questions

Q. Do we need to replace our existing cameras?

A. No. The platform works with any ONVIF-compliant or RTSP-streaming IP camera. It can also be integrated with most major VMS platforms as an analytics plug-in.

Q. Can it run on existing server hardware?

A. Yes. The platform runs on standard Linux servers with NVIDIA GPU acceleration. We provide minimum hardware specifications and can supply certified appliances.

Q. How does forensic search work?

A. Investigators can search the archive by face, vehicle plate, object type, colour, or behavioural event. Results are returned in seconds, with linked video clips ready for download.

Ready to deploy AI Surveillance Solution?

Talk to Nirikhon for product consultation, installation planning, integration support, and enterprise deployment.

Hotline: 01712345678 | Website: www.nirikhon.com