

CAMERAS

AI-Based Body Worn Camera

The AI Based Body-Worn Camera by Nirikkhon is a professional surveillance tool designed for modern law enforcement and security teams. This device helps officers in the field make better and faster decisions. It is not just a simple recorder, it uses smart technology like real-time facial recognition and object detection to identify potential threats. Built for durability, it performs reliably in difficult environments while keeping sensitive evidence data fully encrypted and secure.

[AI-Based Body Worn Camera](#)[Official Brochure](#)

SOLUTION SNAPSHOT

INSTANT AI FACIAL RECOGNITION

Scans crowds and matches faces with digital watchlists in real-time to alert officers instantly.

LIVE VIDEO & GPS STREAMING

Streams live HD video and precise location tags straight to the command center during high-pressure missions.

TAMPER-PROOF ENCRYPTED STORAGE

Locks and encrypts all recorded data on the device to prevent unauthorized deletion or tampering of evidence.

Built for Real Operations

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CAPABILITIES

Key Features & Product Modules

Next-Gen AI Microprocessor

Built with top-tier international benchmarks, this powerful internal chipset processes complex facial recognition and object scanning instantly directly on the device.

Military-Grade Infrared Night Vision

Features advanced, industrial-standard IR sensors that automatically activate to provide sharp, high-definition visibility even in pitch-black operational conditions.

Secure Cryptographic Storage Module

A highly protected internal hardware storage unit that automatically locks and encrypts your data to prevent unauthorized access or tampering in the field.

Heavy-Duty Tactical Mounting Kits

Manufactured from top-grade, impact-resistant materials. Includes secure magnetic plates and body clips designed to stay firmly locked during high-intensity missions.

Multi-Port Smart Docking Station

An enterprise-grade centralized hub designed for rapid charging and secure, high-speed automated data transfer for multiple devices simultaneously.

Ultra-HD Optical Glass Lens

A premium-grade, wide-angle lens engineered to capture flawless video clarity. It meets strict global surveillance standards to ensure every frame works as solid evidence.

High-Density Lithium-Polymer Battery

A premium, long-life power cell designed to withstand extreme shifts. It ensures continuous, heat-free operation and meets global safety and durability standards.

High-Precision Satellite Tracking Module

An advanced, multi-channel positioning system that accurately geo-tags every video file with real-time coordinates for maximum operational accountability.

Acoustic Dual Microphone Array

Equipped with intelligent ambient noise-canceling hardware that isolates human speech from loud background environments for crystal-clear audio capture.

Where This Product Fits



Tactical Search & Field Patrol

Officers use the AI body camera during street searches and field operations to record every movement and verify live field actions instantly.



Crime Scene Evidence Recording

Investigation teams use the camera while visiting crime scenes to safely document raw data and write accurate, tamper-proof official reports.



Public Complaint & Desk Log

Desk officers keep the body-worn camera active while writing general diaries or taking public complaints to maintain full transparency.



Smart Traffic Management

Traffic officers control busy roads while the smart camera streams live footage and location coordinates directly to headquarters for constant tracking.



Instant Identity & Security Check

Security personnel wear the AI camera to check IDs, allowing the system to immediately capture high-quality video and human voice interactions.

OPERATIONAL VALUE

Software, Benefits & Outcomes

<p>Live Streaming</p> <p>Instant monitoring for faster command decisions.</p>	<p>GPS Tracking</p> <p>High accountability with accurate location data.</p>
<p>Facial Recognition</p> <p>Automatic matching with known watchlists in real-time.</p>	<p>Object Detection</p> <p>Early warning for weapons or suspicious packages.</p>
<p>Secure Storage</p> <p>Protects data integrity and prevents evidence tampering.</p>	<p>Night Vision (IR)</p> <p>Reliable recording in low-light and total darkness.</p>
<p>Push-to-Talk</p> <p>Direct team communication without extra equipment.</p>	

Technical Details

Instant AI Facial Recognition	Scans crowds and matches faces with digital watchlists in real-time to alert officers instantly.
Live Video & GPS Streaming	Streams live HD video and precise location tags straight to the command center during high-pressure missions.
Tamper-Proof Encrypted Storage	Locks and encrypts all recorded data on the device to prevent unauthorized deletion or tampering of evidence.
Crystal-Clear Night Vision	Automatically switches to infrared mode to record every detail in total darkness.
Extreme Weather Durability	Built with a rugged, weather-resistant body to perform flawlessly in heavy rain and dust.
Noise-Canceling Audio	Uses dual microphones to capture clear conversations while filtering out loud background noise.
Extended Battery Backup	Packed with a long-life battery to support full shifts without needing a recharge.
One-Touch Push to Talk	Allows instant voice communication with the backup team at the press of a single button.
Automated Incident Reports	Automatically generates digital logs and operational summaries to save officers paperwork time.
Smart Object Detection	Automatically spots and flags suspicious objects, like weapons, in high-risk zones.
High-Speed Docking Transfer	Charges the device and backs up massive video data to the central system rapidly.

"The AI-enabled live streaming and secure evidence management significantly improved operational response time and accountability during field missions."

Senior Security Operations Director

National Defence & Security Unit

RESOURCES

Media & Questions

nirikhon

Available with the online product presentation and deployment resources.

Q. Is the data on the AI Body-Worn Camera secure from tampering?

A. Yes. All recorded footage is stored in a Secure Storage Module with high-level encryption. This prevents unauthorized access or deletion of evidence in the field.

Q. How does facial recognition help during a patrol?

A. The camera's AI Processing Unit scans faces in the crowd and compares them to a digital watchlist. If a suspect is identified, the officer receives an instant alert.

Q. Can the command center watch the video while the officer is on duty?

A. Absolutely. The camera supports Live Streaming, allowing senior authorities to monitor field operations in real-time through a secure network.

Q. Does the camera work in rainy or dusty environments?

A. Yes. Nirikkhon AI Body Worn Cameras are built for maximum durability. They are weather-resistant and designed to perform in the harsh environmental conditions often faced by defence forces.

Ready to deploy AI-Based Body Worn Camera?

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

Hotline: 01712345678 | Website: www.nirikhon.com