

CAMERAS

AI-Based Body-Worn Camera and Intelligent Surveillance System

Professional AI-based body-worn camera designed for modern law enforcement and security teams. Features real-time facial recognition, object detection, live streaming, GPS tracking, and encrypted evidence management for secure and intelligent field operations.

[AI-Based Body Worn Camera](#)

[Official Brochure](#)

SOLUTION SNAPSHOT

<p>VIDEO RESOLUTION</p> <p>4K UHD / 1080p Full HD</p>	<p>AI FEATURES</p> <p>Facial Recognition & Object Detection</p>	<p>LIVE STREAMING</p> <p>Real-time secure video transmission</p>
<p>GPS TRACKING</p> <p>Integrated GPS with geotagging</p>	<p>BATTERY LIFE</p> <p>Long operational battery backup</p>	

Built for Real Operations

The Nirikkhon AI-Based Body-Worn Camera is a professional surveillance solution built for Police, Defence, and security operations. More than a simple recorder, this rugged wearable device combines AI-powered analytics, real-time live streaming, facial recognition, object detection, GPS tracking, and encrypted evidence management into a single secure platform. Designed for harsh field environments, it delivers reliable performance while ensuring operational transparency, accountability, and secure evidence handling.

Key Features & Product Modules

Live Video Streaming

Allows command centers to monitor field activities in real-time and provide immediate tactical support.

Advanced AI Analytics

Supports facial recognition, object detection, and intelligent threat identification.

Evidence System Integration

Automatically syncs and stores evidence securely through docking stations or cloud systems.

Automatic Reporting

Generates organized incident records and operational logs automatically.

AI Processing Unit

The core brain of the device that handles facial recognition and motion detection instantly without depending on cloud connectivity.

Infrared Night Vision Module

Advanced IR sensors allow the camera to record clearly in complete darkness, ideal for night operations.

Secure GPS Tracking Module

Provides real-time location data and geotags all recorded footage for operational transparency.

Audio Capture System (Dual Microphone)

Captures clear and noise-reduced audio even in high-noise operational environments.

Precision GPS Tracking

Provides accurate real-time location tracking and geotagging for all recorded evidence.

Smart Access Control

Ensures only authorized personnel can access or manage recorded footage.

One-Touch Push to Talk

Provides instant communication support during critical operations.

High-Resolution Wide-Angle Lens

Captures crystal-clear visuals and ensures every important detail is accurately recorded for evidence.

Long-Life Battery Pack

High-capacity battery designed to support extended field operations and long-duty shifts.

Professional Mounting Accessories

Includes tactical clips, magnetic mounts, and harnesses for secure attachment to uniforms, vests, and helmets.

Docking Station

Centralized hub for rapid charging, secure data transfer, and automatic evidence synchronization.

Where This Product Fits

Patrol & Field Operations

Records all officer interactions to ensure transparency while command centers monitor live feeds for immediate support.

Traffic Enforcement

Captures traffic violations and checkpoint activities clearly with integrated GPS location tracking for every case.

Arrest & Search Missions

Documents every step of search and arrest operations to protect officers and ensure legal transparency.

Crowd Control & Events

Supports monitoring of protests, public gatherings, and emergency situations with real-time situational awareness.

Special Operations (SWAT & Counter-Terrorism)

Provides live operational intelligence during raids and tactical missions to support faster and safer decision-making.

OPERATIONAL VALUE

Software, Benefits & Outcomes

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

Technical Details

Video Resolution	4K UHD / 1080p Full HD
AI Features	Facial Recognition & Object Detection
Live Streaming	Real-time secure video transmission
GPS Tracking	Integrated GPS with geotagging
Battery Life	Long operational battery backup
Night Vision	Infrared IR Night Vision
Storage Security	Encrypted secure storage system
Audio System	Dual noise-reduction microphones
Communication	One-touch Push-to-Talk support
Durability	Weather & dust resistant rugged design

"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

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

A. Yes. All recorded footage is stored in a secure encrypted storage system that prevents unauthorized access, deletion, or evidence tampering.

Q. How does facial recognition help during a patrol?

A. The AI Processing Unit scans faces in real-time and compares them against digital watchlists. Officers receive instant alerts when a suspect is identified.

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

A. Absolutely. The camera supports live streaming, allowing command 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 weather-resistant and built to perform reliably in harsh environmental conditions faced during defence and security operations.

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