

TECHNICAL SPECIFICATIONS

ROBOT DOG

[illegible]

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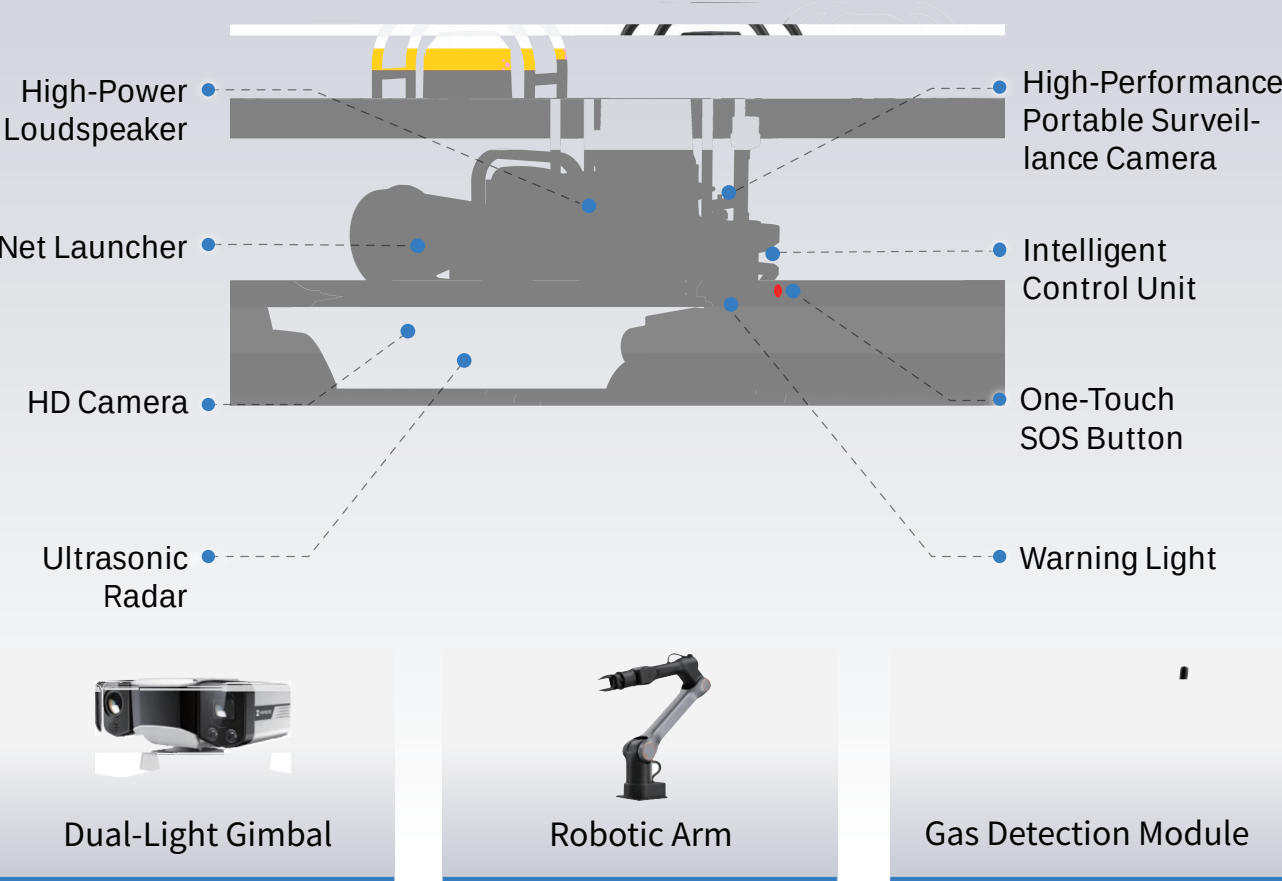
AI Patrol Net-Launch Robot Dog Pro

Smart Security Autonomous Patrol



NEXWISE INTELLIGENCE CHINA LIMITED

PAYLOAD MOUNTING



CORE ADVANTAGES



Electromagnetic Net-Capturing for Active Response

The first electromagnetic net-capturing system integrated on quadruped robots



AI-Powered Autonomous Patrol

Supports real-time mapping, dynamic path planning, intelligent obstacle avoidance, and autonomous charging



Multimodal Precision Recognition

Accurately identifies people, objects, and environmental risks, and provides precise identification



Real-Time Alerts + Closed-Loop Platform Response

AI delivers instant identification and automatic alerts to realize full-process closed-loop operation



Superior Protection & Long Battery Life

IP67-rated body and IP55-rated payload, with an endurance of up to 3 hours



Excellent Adaptability for All Scenarios

Capable of traversing complex terrains including sand, gravel, and muddy ground flexibly

CORE FUNCTIONS



Autonomous Patrol

Self-navigates along predefined patrol routes with auto-charging capability for continuous operation.



Accompanied Patrol

Supports moving alongside duty personnel for real-time collaborative patrol operations.



Panoramic Surveillance

Provides panoramic capture and automatic recording, supporting real-time on-site data transmission, post-event video review, and traceability.



AI Recognition

Supports multiple algorithms including facial recognition, license plate recognition, weapon-carrying behavior detection, and fire/smoke detection, and integrates with multimodal large models for accurate recognition.



Real-Time Alerts

Device abnormalities and AI-detected risks can be to the command platform in real time to trigger graded alert responses.



Automatic Targeting

Based on edge-computing capabilities, the vision system automatically locks onto key target areas to improve net-capture accuracy.



Intelligent Net Capture

Triple control modes—on-site, remote, voice-activated—for safe and effective target neutralization.



Voice Interaction

Equipped with a high-performance loudspeaker, supporting voice warnings and real-time public address to enhance on-site response.



Light Warning

Supports multiple light modes for on-site warning and safety guidance.



One-Click Emergency Call

The one-touch SOS button enables direct communication between the site and the command center.

APPLICATION SCENARIOS

Police Patrol

Continuous patrol to prevent risks such as weapon-carrying break-ins and abnormal gatherings

Security Duty

Rapid emergency response to protect personnel safety

Industrial Inspection

Intelligently identifies suspicious behaviors and triggers real-time alerts



Emergency Rescue

Crosses obstacles and approaches target areas for precise control