

TECHNICAL SPECIFICATIONS

ROBOT DOG

Model	X1
Upright Dimensions (L×W×H)	1000×470×1020mm
Prone Dimensions (L×W×H)	1130×470×590mm
Weight	72kg
Protection Level	Main Body IP67 + Upper Payload IP55
Endurance	>3h
Continuous Travel Range	>10km
Max Speed	4m/s
Max Step Height	20cm
Max Climbing Angle	45°
Operating Temperature	-20°C~55°C

NET LAUNCHER

Projectile Type	Ultra-High Molecular Weight Polyethylene Net
Effective Capture Range	5-10m
Max Firing Count	>500 shots
Shots per Charge	≥50 shots
Mesh Size	≤150mm
Deployed Net Size	2.4×2.4m



NEXWISE INTELLIGENCE CHINA LIMITED

Hotline: 400-963-5180
 Website: www.nexwise.com.cn
 Tel: 020-8398 2000 / 010-6841 0688
 Fax: 020-8398 2123 / 010-6841 0788
 Guangzhou: Nexwise Mansion, No. 88 Ruixiang Road, Huangpu District
 Beijing: 17th floor, Beifang Real Estate Mansion, No. 81 Zizhuyuan Road, Haidian District



Scan the QR Code to Watch the Product Video



Scan the QR Code to Follow Us



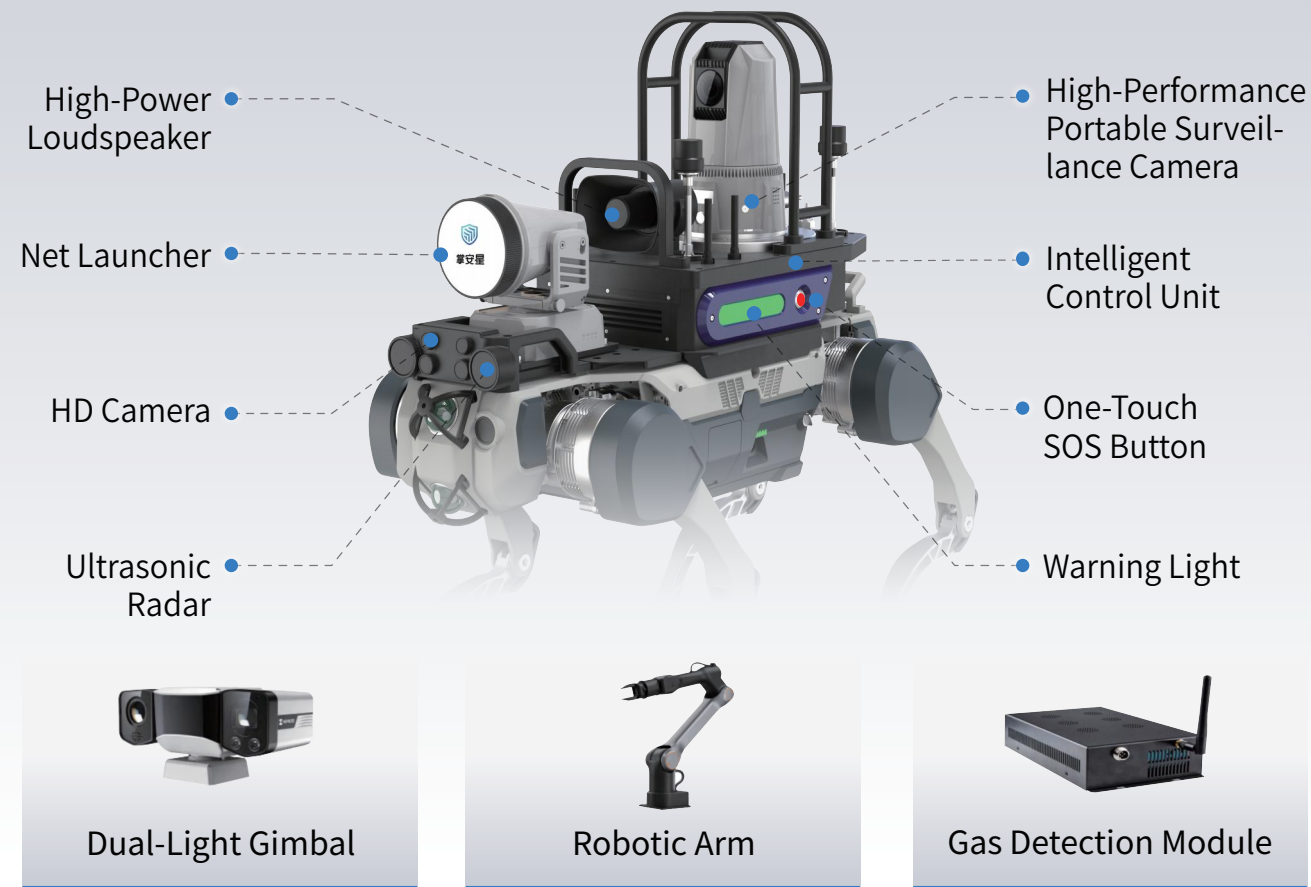
AI Patrol Net-Launch Robot Dog Pro

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 AI Precision Recognition**
 Accurately identifies people, vehicles, environmental risks, and abnormal behaviors
- 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

