

New Electromagnetic-Powered Security Net Capture Equipment

The “Zhang An Xing” Electromagnetic Net Capture Device is developed based on NEXWISE's proprietary electromagnetic capture technology. Upon activation, the device generates thrust to rapidly deploy the capture net. When the net encounters a target, it automatically wraps around it using traction force, enabling secure and harmless restraint. Unlike traditional protective equipment such as shields, batons, and Riot Control Forks, this device offers advantages in efficiency, safety, and eliminating direct physical confrontation. Compared to firearms and other lethal weapons, it provides a broader control range, ensures harmless restraint, and requires lower operational expertise for deployment.

The product's electromagnetic launch mechanism eliminates the need for gunpowder or high-pressure gas, ensuring a safe, effective, and contactless method of subduing targets to prevent harm to the public.

It is widely applicable in schools, hospitals, banks, business parks, transportation hubs, financial institutions, energy facilities, and government agencies for security protection. Additionally, it serves as a valuable tool for law enforcement in suspect apprehension, emergency response, and riot control.



Features & Specifications

- **Electromagnetic Launch Technology** – No high-pressure gas cylinders or gunpowder required; no consumable parts, allowing repeated use.
- **Ultra-High Molecular Weight Polyethylene Net** – Designed to restrain hazardous targets without causing harm to individuals.
- **Compliant with GA510-2004 Police Capture Net Standard** – Meets official law enforcement equipment specifications.
- **User-Friendly & Portable** – Simple operation, easy to carry, and suitable for various security and arrest scenarios.
- **Durable & Reliable** – Net line breaking strength exceeds 130N.
- **Battery-Powered Operation** – Single charge supports ≥ 30 consecutive launches.
- **Quick Reload & Reusable** – Nets can be rapidly replaced and reused, or deployed as disposable units.



Technical Specifications

Parameter Type	Details
Product Form	Handheld
Projectile Type	Ultra-High Molecular Weight Polyethylene Net
Number of Tether Heads	4
Effective Capture Range	5-10 m
Maximum Trigger Cycles	>500 times
Mesh Length	≤150 mm (diagonal length of mesh)
Deployed Net Size	2.4 x 2.4m
Operating Temperature Range	-10°C to 55°C
Weight	Approx. 1.2 kg
Package Contents	1 charger, 1 main unit, 3 nets, 1 carrying case

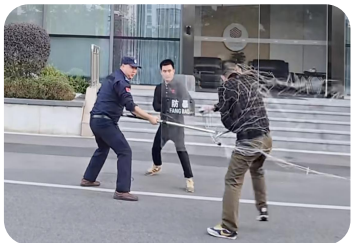
Application Scenarios



Security Protection
for Critical Site



Security Protection for
Large-Scale Events



Emergency Incident
Response

