

WEAPON STATION Sniper W-25

PRODUCT OVERVIEW



K-25 is a portable, ultralight remote weapon station designed for single-soldier carry and rapid random or fixed emplacement. It is primarily used by infantry squads to execute anti drone operations, infiltration, ambush, sniping, and guard control missions in urban, mountainous, and key-site combat environments, day or night.

It can be fixed and deployed using a tripod, and installed on fixed fortifications such as rooftops, windowsills, and walls; simultaneously, it can be mounted on light/small manned and unmanned vehicles. A dual-axis stabilization system is optional.

It can effectively neutralize or deter invading personnel targets and LSS UAV

targets.

Equipped with a lightweight multi-sensor smart camera, it enables day/night reconnoiter through its color camera and infrared camera. The laser rangefinder provides precise target distance measurement.

Integrated with an intelligent fire control system. It enables automatic target acquisition, tracking, and aiming, thereby facilitating rapid, efficient, and precise target engagement. Simultaneously, it possesses intelligent capabilities including autonomous decision-making, continuous multi-target engagement, and coordination within multi-node, multi-asset combat networks..

Application:



TECHNICAL SPECIFICATIONS

Parameter	Specification	Notes
Fit Guns and Ammunitions	5.56mm NATO rifle 7.62*39mm rifle	
Ammunition Capacity	30 rounds	Depend on guns
Weight	≤25kg	Without guns and ammunitions
Elevation	-20° to +45°	Depend on guns
Azimuth	N×360°	
Elevation slew rate	Max ≥45°/s, Min ≤0.03°/s	
Azimuth slew rate	Max ≥60°/s, Min ≤0.03°/s	
Maximum tracking rates	Azimuth : Max ≥15°/s Elevation: Max ≥15°/s	
Power input	30~52VDC	
Power Consumption	200W max	
Operating Temperature	-20°C~+55°C	
EO	1920×1080 Pixels 30FPS WFOV: 25°×14° NFOV: 7.5°×4.2°	
IR	640×512 Pixels 30FPS WFOV: 9°×7°	
tracking distance	EO: drone target ≥480m IR: drone target ≥350m	RCS=0.01 cm ²
Lidar ranging	EO: drone target ≥480m IR: drone target ≥350m	RCS=0.01 cm ²
Counter-UAS Capability	≥41.52% at 100m Effective anti-UAVs: ~200m	DJI Phantom Depends on the accuracy of the weapon