

Inhibitor Anti-UAV-System



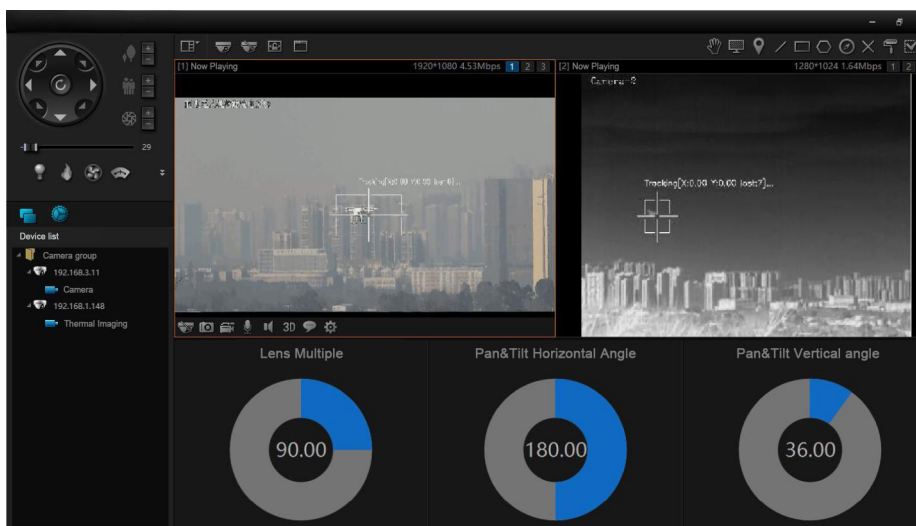
Key Features

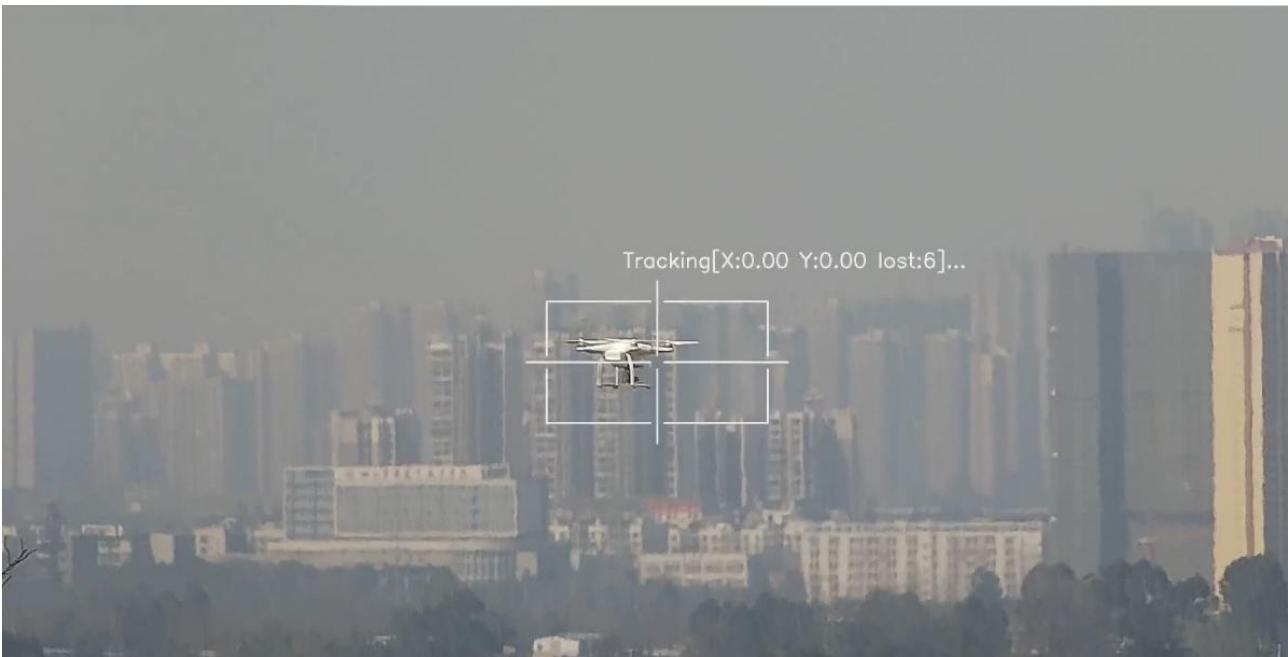
- Visible light and infrared thermal imaging cooperate with each other to switch freely, and realize the detection, early warning and confirmation of flying targets all day long.
- Advanced tracking algorithm, make full use of hardware performance, realize fast calculation, and realize intelligent operation such as target detection and tracking with high efficiency.
- Detection distance: 100-1000m, support multi-band interference, 24 hours continuous uninterrupted operation.

Technical parameters

Model	SDT-AIU55UC2
Camera	
Len	55X optics(10-550mm)
Image illuminance	Starlight level (0.002lux)
Image coding	1920*1080
Image frame rate	25/30fps
Image fog	Optical fog penetration
Tracking process auto zoom	Support, radar distance information driven
Thermal Imaging	
type	Uncooled detector
focal length	25-210mm
Pixel	640*512
Picture element	17 μ m
Spectral range	7.5 μ m~13.517 μ m
NETD	\leq 40mK
Tracking process auto zoom	Support, radar distance information driven
Pan&Tilt	
control accuracy	\pm 0.02°
Horizontal track range	360° continuous infinite rotation
Vertical track range	-45° ~+70°
Horizontal max speed	0.05° ~60° /s
Pitch max speed	0.05° ~45° /s
Track function	
Target discovery	Automatic, radar or spectrum direction guidance

Target lock	Automatic or manual
target track	Automatic
Deep learning tracking	Optional support
Day/night tracking switch	Automatic
Max speed of tracking target	20M/S
RF Inhibitor	
Frequency Range	1.5G/2.4G/5.8G,Customizable
Inhibitor power	Single band power30-80W,Optional
Beam size	Sector coverage area 20°
Inhibitor distance	1000-1500m
control mode	Manual, optional automatic
Mount mode	Single side hanging of pan tilt
Access photovoltaic system	RS422 protocol,Can be redeveloped
Power supply of Inhibitor	DC48V 7A ,Independent power supply
Other performance	
Radar access	Support, or secondary development
Spectrum access	Support, or secondary development
Platform control protocol	SDK available
Radar/spectrum access method	Network UDP/ RS422 optional
Image network transmission protocol	Onvif/GB T2818 optional
Physical characteristics	
Power supply	DC24V 10A
weight	≥75KG
Size(W*H*L)	715*650*480 mm
Protection level	IP66
Lightning protection level	6KV
Equipment matching	
Cyber Shield Systems	Provide(Without server hardware)
Terminal Server	Provide
Rack-mounted power supply	Provide
Packing kit	Warranty card, instruction manual, debugging tool kit

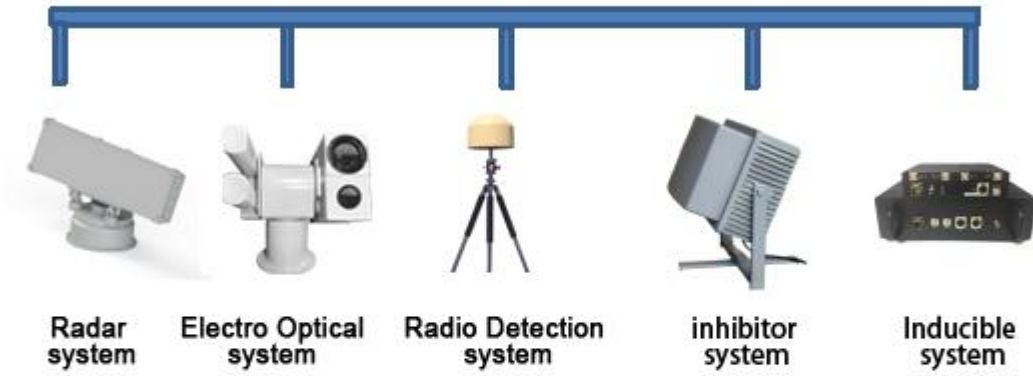




Camera-2



Counter-UAV-System



Radar, radio system detection discover

✓ 3KM/5KM Mini Drone

✓ 24H all day operation

✓ Video linkage track capture

✓ Real-time display in the background

✓ Target intelligent detection/recognition

✓ Eliminate interference, low false positives

✓ Video pop-up, intrusion real-time alarm

✓ Interference-inducing device linkage

✓ Event query

Electro Optical system confirmation target

Inhibitor/Inducible system Interference interception