

Terminal guidance module

I Main function

1.Intelligent tracking: Equipped with an intelligent tracker, the advanced target tracking algorithm is used to accurately lock the target in the stationary/moving state, which solves the problem of tracking the target in the high-speed movement and complex environment of the traditional UAV.

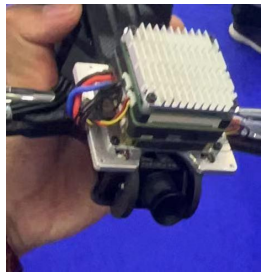
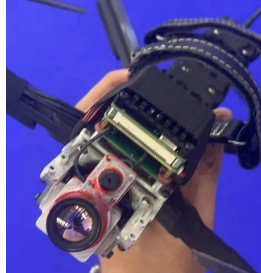
2.Intelligent guidance: The guidance rate technology integrated with terminal guidance can guide the aircraft to the target by measuring the relative position of the target and the aircraft.

II Product form

1.Basic simulation version: using the existing analog camera of the traverser for imaging, adding a tracking module, the video input directly loop output at the same time to achieve tracking guidance function, the main features are: zero delay, low cost, simple modification.

2.Hd camera front page: The use of independent research and development of 4 million pixel HD camera imaging, relative to analog video 720*288(150,000 pixels) resolution greatly improved, the main feature is high resolution, locking distance, locking target vehicle distance up to 800m.

3.Dual-light camera version: self-developed 4 million pixel HD camera +640 infrared thermal imager for imaging, can be attacked at night, delay can be reduced to 0~16.7ms.

	Basic simulation version	Hd camera front pag	Dual-light camera version
Resolution ratio	720×288	2560×1440	2560×1440(EO) 640×512(IR)
Picture			
FPS	50Hz	60Hz	60Hz
Delay	0ms	0~16.7ms	0~16.7ms
FOB	36°×29°	66°×40°	66°×40°(EO) 32°×25°(IR)
Lock vehicle distance	300m	800m	800m(EO) 500m(IR)
Lock people distance	100m	300m	300m(EO) 150m(IR)



Basic simulation version Lock vehicle above 300 meters



Hd camera front page over 800 meters lock
vehicle



Night lock
effect



Night strike sports vehicles

