

N96 Optical Detection System

Description

The optoelectronic tracking system obtains the positioning signal of the detection equipment through the control system, automatically locks and traces the low-altitude flying object, automatically or manually compares the UFO through the vision algorithm, automatically locks and traces the suspected drone, and realizes 24 hours of continuous monitoring and forensics. After receiving the alarm, the user can start the infrared tracking device to continuously track and locate the invading drone in the defense range, and determine the three-dimensional coordinates of the invading drone in the defense range.



Features

- Both visible and infrared imaging techniques are combined
- Quickly and accurately identify and track targets
- Displaying the image, orientation, pitch and other information of the tracked target
- It can be used with radar and RF detectors

Application

- Border defense
- Camp protection
- Key security area
- Base security

Specification

Parameter	Parameter values
Product model	N96
Visible light image resolution	1920*1080 @25fps
Detection range	5Km(Typical target: DJI Phantom 4)
Visible light lens	F10-550mm, 55X
Focus mode	Automatic/manual
Visible light detection distance	≥4500m (Typical target: DJI Phantom 4)
Visible light tracking distance	≥4000m (Typical target: DJI Phantom 4)
Visible light identification distance	≥3000m (Typical target: DJI Phantom 4)
Thermal detection type	Cooled detector
Thermal chip resolution	640*512
Thermal lens	F22.5-500mm
Thermal detection distance	≥5000m
Thermal tracking distance	≥4000m
Thermal identification distance	≥3000m
Azimuth range	360°
Elevation range	-45° to +75°
Power supply	AC 220V
Host dimension	≤672mm×445mm×780mm
Host weight	≤80Kg