

ZY-JKFZ-PEF005 Optoelectronic Device

- Multi-target characteristics (UAV, bird, Kongming lamp, etc.) identification, complex background (mountain, sun, building background, etc.) tracking
- Visible light in the daytime and infrared at night are on duty for 24 hours
- Mark the detected target and alert the user
- When tracking single target, it will stabilize at video center position
- Image deep learning, filtering interference targets, video storage, forensics
- Automatic search target, real-time display of working status and search area
- Guide interference precisely
- Data fusion with radar for accurate positioning
- Photoelectric historical information playback, equipment self-test, abnormal report
- Standard interfaces and protocols for secondary development components



Product Description

The photoelectric equipment adopts self-developed technologies such as multi-target feature recognition, intelligent target tracking and complex background target detection to realize the functions of target confirmation, identification, locking and tracking. Meanwhile, it supports intrusion, harassment and forensics during the linkage work. The photoelectric equipment supports automatic or manual operation mode.

Product Parameters

Visible Light Cameras

Tracking distance.....3km (Target Size: 0.35*0.35m)
 Focal length.....500mm
 Lens zoom..... continuous zoom 36 times
 Lens Control..... auto/manual zoom focus
 Camera type.....1/3"CMOS
 Camera resolution (pixel).....1920*1080
 Camera frame rate.....25Hz

Infrared Thermography (IRT) Cameras

Tracking distance.....1km (Target Size: 0.35*0.35m)
 Focal length.....150mm
 Lens zoom.....Optical Zoom 5 times
 Lens Control..... auto/manual zoom focus
 Camera type.....Unrefrigerated vanadium oxide
 Camera resolution (pixel).....640*480
 Camera frame rate.....25Hz

Other Parameters

Azimuth coverage (horizontal).....0~360°
 Pitching cover (vertical).....-40~60°
 Azimuth velocity.....30°/s
 Pitching velocity.....15°/s
 Angular Precision.....0.01°
 Power consumption.....100W
 Power supply.....AC220V/50Hz
 Connection to the operating platform.....network

Working Environment

Working Temperature.....-30°C ~ 65°C

General Specification

Installation.....Fixed/portable/vehicle-mounted