

Specifications

Thermal			
Detector Type	Cooled 320x256		Cooled 640x512
Spectral Range	3-5µm		
Pitch	30µm		15µm
Lens			
Focal Length	Zenm Optical 33/110/510mm	33-500mm Optical Zoom	30-260mm Optical Zoom
F#	4		
Detection Range	30km (o vessel)		
Recognition Range	8km (to vessel)		
Visual			
CCD Pixel	1600x1200		1920x1080
Focal Length	15.8mm - 500mm continuous	12.5-750mm continuous	4.7-129mm continuous
Visual Video	HD-SDI 1080P		
Laser Dazzler			
Laser Wavelength	532±0.1nm	532±0.1nm	532±0.1nm
Detection Range	1000m	1000m	1000m
Laser Illuminator			
Laser Wavelength	808nm		
Detection Range	2000m		
Laser Range			
Accuracy	-	±5m	±5m
Distance	-	6km	5km
Servo Platform			
Azimuth Angle	-170°~170°	-170°~170° or N+360 optional	-170°~170°
Pitching Angle	-90°~75°	-40°~90°	-90°~90°
Stabilized	<0.2mrad (1σ)	<0.2mrad (1σ)	<0.5mrad (1σ)
DVR			
Capacity	2T		optional
Display			
Type	Technical LCD (Customization)		optional
Resolutions	1600x1200		optional
Power			
Voltage	Platform: DC23-32V	Cabinet: AC220V/50Hz	Platform: DC23-32V
Power Consumption	Platform: <350W	Cabinet: <2000W	Platform: <150W
Interface			
Control	RS422		
Video Output	IR: PAL BNC TV: HD-SDI BNC		
Expand	RS232 DB9		
Environmental Characteristics			
Working Temperature	Platform: -20°C~60°C	Cabinet: 0°C~40°C	Platform: -20°C~66°C
Storage Temperature	Platform: -40°C~70°C	Cabinet: -10°C~50°C	Platform: -40°C~70°C
Rain/ Shock/ Vibration	Platform: GJB150	Cabinet: GB/T 6994	Platform: GJB150
Humidity/Salt Spray			
Physical Parameter			
Weight	Platform: <60kg	Cabinet: <150kg	Platform: <15kg
Size	Platform: Ø406x15mm Height: 554mm±5mm	Cabinet: Ø25mm±5mm x 974mm±5mm x 1507mm±5mm	Platform: Ø230x5mm Height: 400mm±5mm

Attention: All "Laser Dazzler" + "Laser Illuminator" + "Laser Range" choose one in two.



Fellows GD-M0100721



Maritime Multi-Sensor Stabilized System



IR370A combines high resolution thermal camera with visual camera, laser dazzler, laser illuminator and other multi-sensor (GPS, radar, compass) to meet various requirements such as targets searching and tracking. MannIR is designed for the harsh maritime environment and can observe and record in the day and night.

Features and Benefits

- Modularized design
- Ultra-stable accuracy
- Round-the-clock
- Function expand
- Excellent protection performance

Applications

- Search
- Patrol
- Capture for crime evidence
- Navigation assistant
- Surveillance and video recording of suspicious target

