

Specifications

Detector		
Detector	Mid wave cooled FPA	
Detector Pixel	320 × 256	
Pixel Size	30μm	
Spectral Range	3μm ~ 5μm	
Lens		
Focal Length	300mm / 75mm	
F#	3.1	
FOV	1.83° × 1.47° / 7.32° × 5.86°	
Detection Distance	> 7km (Man: 1.5mx0.5m) ; > 12km (Vehicle 2.3mx2.3m)	
Detection Distance	> 2.5km (Man: 5mx0.5m) ; > 5km (Vehicle 2.3mx2.3m)	
Visible Image		
Resolution	752 × 582	
Lens	23.5mm~750mm continuous zoom	
Video Output		
Thermal Video	Analog PAL (50Hz)	
Visual Video	Analog	
Pan-tilt		
Horizontal Direction	0° ~ 360° continuous rotation, 0° ~ 10° / S	
Vertical Direction	+75° ~ -75° , 0° ~ 8° / S	
Load Bearing	30kg	
Power Supply		
Voltage	AC 24V ± 10%	
Power Consumption	< 90W	
Environmental Adaptability		
Operating Temperature Range	-20°C ~ +50°C	
Storage Temperature Range	-40°C ~ +60°C	
Encapsulation Class	IP66	
Electrical Interface		
Communication Interface	RS485	
Video Interface	RCA Male	
Power Box		
Power Supply	AC220V to DC24V	
Size	178mm × 230mm × 69mm	
Physical Characteristics		
Weight	With PTZ and Sun-shield	40Kg
	Without PTZ and Sun-shield	20Kg
Size	With PTZ and Sun-shield	595mm × 344mm × 608mm
	Without PTZ and Sun-shield	595mm × 344mm × 231mm

Edition_GD_MD140815



GUIDE

GUIDIR IR234 Dual-FOV Cooled Super Long Range Surveillance System

IR234 is a cooled medium-long range thermal surveillance camera, offered with cooled IR camera, CCD camera, and high-speed pan-tilt. Dual-FOV IR optics makes easy option between different target areas, CCD camera with tele lens serves for day-time long range monitoring, high-speed pan-tilt offers 360° panoramic field of view control and omnibearing monitoring.

Features and Benefits

- Cooled IR detector is ideal for long range surveillance in fog, dust, and haze environments
- Quick-switch 300mm/75mm dual-FOV IR optics is for medium and long range surveillance
- WFOV is for searching and NFOV is for observation
- 750mm continuous focusing CCD camera can realize super long range monitoring
- CCD camera processes self-adapting noise-decrease, self-adapting imaging enhancement and self-adapting dust/fog control, ensures clear image
- IR camera and CCD camera ensures 7/24 continuous monitoring
- Auto brightness/contrast adjustment makes image stays in the best quality
- Imaging enhancement function helps display more details for detection and recognition
- RS485 Bus can remote control on multiple systems to enhance the efficiency
- Preset and cruising set function enables continuous auto cruising surveillance on critical areas
- Complete air seal design prevents corrosion and aging of interior PCB and components, ensures high reliability of system

Applications

- Airport, bus station premier peripheral monitoring
- Sea port, dock monitoring
- Forest fire monitoring
- Industry plant monitoring
- Mining monitoring
- Warehouse monitoring
- Oil field monitoring

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