Specifications

Detector						
Detector Material		Microbolometer UFPA (Uncooled Focal Plane Array)				
Resolution		384 × 288, 25μm				
Spectral Range		8μm ~ 14μm				
Lens		SFU-3010A	SFU-3015A	SFU-3019A	SFU-3025A	SFU-3040A
Focus		9.6mm	14.8mm	19mm	25mm	40mm
F#		0.8	1.0	1.0	1.0	1.0
FOV		53° ×41°	35.9° ×27.3°	28.3° ×21.4°	21.7°×16.4°	13.7°×10.3°
Man 1.8m×0.5m	Detection	180m	300m	400m	500m	800m
	Identification	100m	150m	200m	250m	400m
Vehicle 2.3m×2.3m	Detection	500m	700m	900m	1200m	2000m
	Identification	200m	300m	400m	500m	800m
Image						
Composite Video		PAL 50Hz /NTSC 60Hz				
Zoom		X2, X4				
Image Enhancement		HDR enhancement				
Bright/Contrast		Auto/Manual				
Focus		Focus free, athermal lens			Auto/Manual	
Palettes		9 Palettes: B&W, B&W inverse, Blue-Red, Iron bow, Rainbow, High Contrast, Hot metal, Amber, Amber Inverted				
Power						
Power Input		DC:12V±3V or PoE				
Environment						
Encapsulation		IP66				
Working Temp		-20ºC～+60ºC				
Storage Temp		-40ºC～+60ºC				
Humidity		5%～95%, Non-condensing				
Physical Feature						
Connectors		Power,Video, RJ45, Audio in, Audio out, Alarm output				

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GUIDE

KnightIR SFU Series
Entry-level Infrared Safety Monitoring System

KnightIR SFU is Guide's new thermal security monitory system that can be used day and night, in total darkness and in extreme weather such as rain or dense fog. It can easily be integrated into different security systems with standard protocols and interfaces. Multiple lens options allow for different monitoring distances. The system can be applied broadly: in ports, wharfs, stations, airports, and more.

Features and Benefits

- Standardized video and control protocols & connectors protocols and physical connectors comply with security industry standards for easy integration, such as Pelco-D/Pelco-P and ONVIF 2.0
- Power over ethernet (POE) supported
- Energy alarm. The advanced energy alarm function can locate high temperatures quickly and outputs an alarm signal to an alarm device or control center
- External storage SD card with maximum storage capacity of 16GB
- Image enhancement. Automatic brightness & contrast and HDR (high dynamic range) optimization enhance the visibility of details and the overall image quality
- Multiple lens options. 5 lens options from 9.6mm to 40mm

Applications

- Neighbourhoods and residential
- Warehouses and industrial
- Ports and wharfs
- Airports and stations
- Highways and rail roads