PATHFINDIR® II
PART NO. SV-FLIR-2

Without Thermal Imaging

With Thermal Imaging + Auto Detection

The PathFindIR II from Safety Vision® and FLIR® is a thermal imaging camera that improves visibility while driving at night or in low visibility conditions. Its rugged design allows it to withstand extreme temperatures and harsh environments while maintaining high performance. Approximately the size of a tennis ball, the PathFindIR II easily fits in any small space on a vehicle, including front grilles.

SPECIFICATIONS	
Image Sensor	Uncooled microbolometer
Video System	NTSC
Resolution	320 × 240
Field of View	24° (h) × 18° (v)
Frame Rate	30-Hz standard
Spectral Band	8-14 microns (LWIR)
Focal Length	19 mm
Time to Image	< 6 seconds
IP Factor	IP69
Power Requirement	12 VDC
Power Consumption	2 W (6 W with heater on) 1.8 A max. system current
Operating Temperature	-40°F to approx. 176°F (-40°C to approx. 80°C)
Environmental Control	Hermetically Sealed, Automotive Qualified, Optical Heater under 40°F (4°C)
Dimensions (w × h × d)	2.6 in. × 2.4 in. × 3.2 in. (66 mm × 61 mm × 81 mm)
Weight	0.7 lb (0.32 kg)

KIT PART NUMBERS	
RAM® Mount	SV-FLIR-CAMMT
ECU Mount	SV-FLIR-ECUMT

Safety When In Motion

Thermal cameras can help first responders identify warm bodies and objects as they quickly navigate to the scene of an incident in unfamiliar terrains, such as rural settings. Darkly lit roads become navigable landscapes.

Automatic Pedestrian and Animal Detection

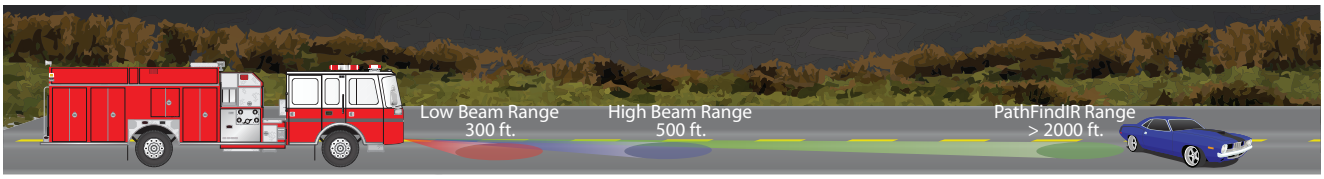
The improved PathFindIR II includes the logic to automatically detect and identify both people and animals, improving thermal images. When detected, each warm body is highlighted on-screen by a yellow box and an audible beep sounds, alerting you to their exact position.

Fire Management and Control

Whether it's an industrial, home, or automotive crash, managing and controlling fires is challenging. Improve situational awareness by viewing scenes in multiple color palettes, highlighting critical areas such as hot spots and structural deficiencies.

Features

- Improved visibility in total darkness, dust, smoke, and fog
- Automatic detection and alerts of pedestrians and animals
- See pedestrians and vehicles past the glare of oncoming headlights
- See over four times farther away than with headlights



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