



# PathFindIR II

## See Clearly in Total Darkness

PathFindIR II is a powerful thermal night vision system that lets you see road hazards clearly in total darkness, detecting and alerting you to nearby vehicles, people, and animals.

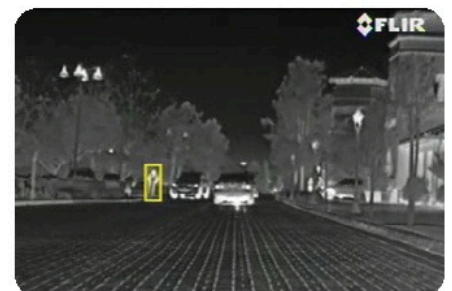
### See Farther Than Ever Before

Headlights usually only let you see about 450' straight ahead, but PathFindIR II sees heat not light, so you can see everything in front of you up to four times farther down the road. Now you can see clearly, night and day, in good weather and bad, without being blinded by the glare of oncoming headlights.

And when you can see farther you have more time to react. More time means more options, smoother driving in emergencies and more room to stop. It's the one thing that can help you avoid traffic accidents. With PathFindIR, you can see pedestrians, cars, animals, and virtually any other hazard from farther away, and as they approach the road from either side.

### Benefits of PathFindIR II:

- See in total darkness
- Automatic detection and alerts of Pedestrians and Animals
- See pedestrians and vehicles past the glare of oncoming headlights
- See many hazards over four times farther away than with headlights
- See through dust and smoke
- Have more time to react
- Help avoiding accidents and staying safe



# Specifications

PathFindIR II

## KEY PERFORMANCE CHARACTERISTICS

### Thermal Imager

Sensor Type	320 x 240 Uncooled Microbolometer
Field-of-View	24° (h) x 18° (v)
Spectral Band	8-14 microns (LWIR)
Outputs	NTSC

### Power

Power Requirements	12 VDC
Power Consumption	2 W (6 W w/heater on) 1.8 A max. system current

### Environmental

Operating Temperature	-40°C to 80°C
Weather Resistance (Camera)	Hermetically Sealed, Automotive Qualified
Weather Resistance (ECU)	Non-Hermetic; Passenger Compartment mount required
Window	High-Impact Resistant Optic w/ Built-in Automatic Heating Element Replaceable Window

### Physical

Camera Dimensions	2.6" x 3.4" x 3.2" (60 x 86 x 82 mm )
Camera Weight	0.6 lb (300 g)
ECU Dimensions	5.8" x 4.3" x 0.9" (148 x 110 x 24 mm )
ECU Weight	0.7 lb (350 g)

## COMPACT, EASY TO INSTALL

PathFindIR II is compact and installs easily into almost any vehicle. All you need is a display with an auxiliary NTSC video input.



## ADDITIONAL OPTIONS

An optional Installation Kit is also available, which includes mounting brackets and a compatible monitor.



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