



FLIR

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.

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 at night
- 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



PathfindIR II with onboard analytics

Specifications

System Characteristics	
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
Physical Characteristics	
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)
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

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.



CORPORATE HEADQUARTERS
 FLIR Systems, Inc.
 27700 SW Parkway Ave.
 Wilsonville, OR 97070
 PH: +1 877.773.3547

CHINA
 FLIR Systems Co., Ltd
 Room 502, West Wing, Hanwei Building
 No. 7 Guanghua Ave.
 Chaoyang District, Beijing 100004, China
 Phone: +86 10-59797755

SANTA BARBARA
 FLIR Systems, Inc.
 6769 Hollister Ave.
 Goleta, CA 93117
 PH: +1 805.690.6602

EUROPE
 FLIR Systems, Inc.
 Luxemburgstraat 2
 2321 Meer
 Belgium
 PH: +32 (0) 3665 5100

www.flir.com
 NASDAQ: FLIR

Equipment described herein is subject to US export regulations and may require a license prior to export. Diversion contrary to US law is prohibited. Imagery for illustration purposes only. Specifications are subject to change without notice.
 ©2016 FLIR Systems, Inc. All rights reserved. 09/30/2016

16-0423-OEM-PATHFINDIR II