



## PathFindIR™ Aftermarket Installation Kit

### High Performance Thermal Night Vision System for Every Vehicle

The PathFindIR is a compact thermal imager that allows you to see 4-times farther in total darkness than you can see with your headlights! Thermal night vision allows you to see in total darkness. With PathFindIR, you can see road hazards like animals, pedestrians, and disabled vehicles long before you can see them with headlights.

Perfect for most aftermarket installations, this Installation Kit provides everything you'll need to install the PathFindIR in your car, truck, or SUV. Easily installed on most vehicles by a qualified mobile electronics facility, PathFindIR features the same imaging core that is currently offered in select BMW models.

#### The kit includes:

**PathFindIR thermal night vision camera**

**High resolution, 7-inch LCD monitor with mounting bracket**

**Power/video cable**

**Video adapter cable**

**Universal Mounting Bracket and associated hardware to install the PathFindIR behind the grille of most vehicles**

**PathFindIR User's Guide**





## PATHFINDER

### Thermal Imaging Performance

Sensor type	320 x 240 Uncooled Microbolometer
Field of View	36° H x 27° V
Spectral band	8-14 microns (LWIR)

### Video

Outputs	NTSC (For PAL, Please Call)
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### Power (Camera Only)

Power Requirements	9-16 VDC
Power Consumption	<2 W (<5 W w/heater on)

### Environmental (Camera Only)

Operating Temp	-40°C – 80°C
Weather Resistance	Hermetically Sealed, Automotive Qualified
Window	Impact-Resistant Optic with Built-in Automatic Heating Element

### Dimensions and Weight (Camera Only)

Dimensions	2.3" x 2.8" x 3.3" (57.4mm x 71.4mm x 84.7mm )
Camera Weight	0.8 lb (363 grams)

### Monitor

Power	12-24 VDC
Video	NTSC or PAL, contrast and brightness control
Screen Size	7" LCD



\* PathFindIR is also available as a camera-only module for installation in vehicles that are already equipped with a monitor that accepts standard NTSC video input.

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