

# *PathFindIR™ / PatrollR Thermal Camera*



*The PathFindIR™ and PatrollR from Safety Vision and FLIR Systems are thermal imaging cameras that make driving at night or working in difficult conditions safer. The pan/tilt/zoom version offers additional versatility.*

## **Fire Management and Control**

Whether it's a industrial, crash or urban building fire, managing and controlling fires are challenging. Thermal cameras help you "see" through smoke, darkness and fog helping to locate hidden dangers. By viewing scenes in multiple color palettes, it is easier to identify critical areas, such as hot spots or structural weaknesses.

## **Search and Rescue**

Thermal cameras detect the heat people give off so they can help in finding missing people faster using less manpower than traditional methods. They can also help firefighters navigate unfamiliar territory so escape points are located quickly.

## **Durable and Reliable**

Its rugged design allows it to withstand extreme temperatures and harsh environments yet maintains high performance. One features pan/tilt/zoom while one is about the size of a tennis ball so it easily fits in small spots.

## **Features**

- Produces images in multiple color palettes in darkness, through dust and smoke, as well as improved visibility in fog
- External joy stick for control of camera pan, tilt, zoom with auto-home for versatility
- Hermetically sealed external housing resistant to rocks, sand, salt and under-hood contaminants



**SPECIFICATIONS**

<b>PathFindIR</b>	
Image Sensor	320 x 240 VOx microbolometer NTSC
Frame Rate	30 Hz
Spectral Band	7.5-13.5 $\mu$ m
Time to Image	< 2 seconds
Field of View	36°
Weather Resistance	Hermetically sealed
Power Requirement	6V - 16V
Operating Temperature	-40°F ~ 176°F (-40°C ~ 80°C)
Dimensions (w x h x d)	2.3 in. x 2.2 in. x 2.8 in. (58 mm x 57 mm x 72 mm)
Weight	1.1 lbs. (0.4 kg)
<b>PatrolIR</b>	
Pan-Tilt-Zoom	IP x6 rated
Pan-Tilt Range	Azimuth +/- 180° / Elevation +/- 45°
Operating Temperature	-4°F ~ 131°F (-20°C ~ 55°C)
Dimensions (w x h x d)	4.0 in. x 10 in. x 7.3 in. ( 101.6 mm x 254 mm x 185.4 mm)
Weight	10 lbs. ( 3.7 kg)
<b>SV-LCD70 Monitor</b>	
LCD System	7-inch NTSC
Auto Dimmer	Selectable auto/manual
Power Requirement	12 - 24 VDC
OSD Controls	Brightness, Contrast, Color, Tinit, Cam Distance, Dimmer, Language, Direction, Reset, Power
Power Consumption	8W
Operating Temperature	-4°F ~ 140°F (-20°C ~ 60°C)
Dimensions (w x h x d)	7 in. x 5 in. x 1 in. (177 mm x 127.5 mm x 25 mm)
Weight	1 lb. (.45 kg)
<b>SV-LCD104 Monitor</b>	
LCD System	10-inch NTSC
Power Consumption	16W
Operating Temperature	14°F ~ 131°F (-10 ~ 55°C)
Dimensions (w x h x d)	10 in. x 7.9 in. x 1.6 in. (253 x 201 x 41 mm)
Weight	2.75 lbs. (1.25 kg)



PathFindIR



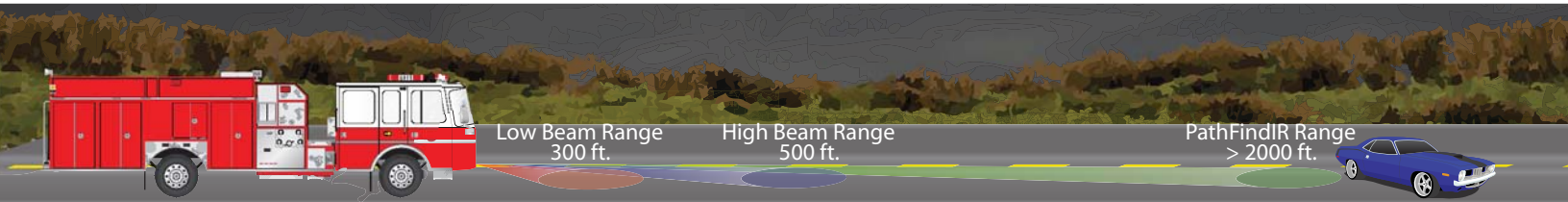
PatrolIR and joystick controller



7-inch monitor



10-inch monitor



**CORPORATE HEADQUARTERS**

6100 W. Sam Houston Pkwy. N.  
Houston, TX 77041-5113  
Main: 713.896.6600  
Toll Free: 800.880.8855  
Fax: 713.896.6640

[www.safetyvision.com](http://www.safetyvision.com)



Mobile video solutions for enhanced safety