



PATROLIR™

VERSATILE, LOW COST THERMAL IMAGER FOR LAW ENFORCEMENT APPLICATIONS

FLIR's new PatrolIR is a new, low cost, compact pan and tilt thermal imager engineered for law enforcement applications. Thermal imaging is a powerful tool for law enforcement because suspects can't hide their heat. The new PatrolIR is ideally suited for vehicle installations with its 360 degree viewing capability.

APPLICATIONS

VEHICLE BASED SURVEILLANCE

SEARCHES

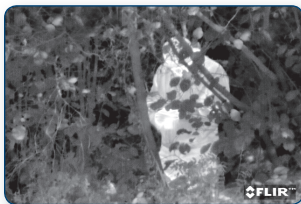
SECURITY

PATROL

NAVIGATION



See through darkness



See through foliage

FEATURES

State of the art thermal imaging technology

Requires no illumination

High sensitivity detector

320 x 240 resolution

Compact panning enclosure

Fully-automatic image optimization

It's all FLIR inside

BENEFITS

See suspects and activity in total darkness without revealing your position using the same technology used by the US Military

Thermal imaging is a passive technology, so suspects don't know you can see them

Reveals subtle temperature differences, making it difficult for suspects to camouflage their heat signature

4x the resolution of most competing systems, with superior range detection and image quality

Easily scan a 360° area from the safety of your vehicle

Requires no manipulation or adjustment to get high contrast imagery

FLIR's military quality products are built to endure, and have been patrolling the skies with airborne law enforcement since the 1980's



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PATROLIR™

THERMAL IMAGING PERFORMANCE

Sensor type	320 x 240 Microbolometer
Field of View	36° h x 27° v
Panning capability	360°
Spectral band	7.5 - 13.5 μm

OUTPUTS

Video	NTSC Video
Connector types	BNC at primary cable end (requires video amplifier for multiple monitor applications)

POWER

Power Requirements	12 VDC
Power Consumption	2 W quiescent, 15 W (max)

ENVIRONMENTAL

IP Rating	IP 67
Operating Temp	-10°C to 55°C
Storage Temp	-40°C to 70°C

DIMENSIONS

Dimensions	25.4 d x 10.9 h cm (9.9 x 10.9 in)
Weight	3.2 kg (7 lb.)



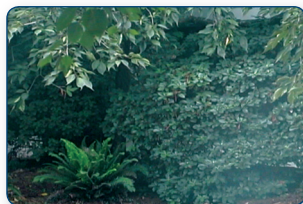
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Without FLIR



With FLIR