

# VisionIR™

## MID RANGE THERMAL IMAGER

The VisionIR™ is an industry leading fixed thermal imager designed to provide day and night situational awareness for perimeter security, border surveillance and critical infrastructure protection. Based on uncooled forward looking infrared (FLIR) technology developed for the US military, the VisionIR enables the user to see in complete darkness and through a multitude of environmental conditions including smoke, rain, snow, dust and dense fog.

Offering multiple high performance lens and detector combinations, the VisionIR can be customized to meet your specific range performance requirements. It features a compact, rugged design that is capable of withstanding temperatures ranging from -40° to +60°C. The VisionIR is environmentally sealed in a nitrogen purged housing which meets NEMA 4X and IP66 specifications and has been tested and certified by an independent lab.

Installing the VisionIR is simple; requiring just four screws and one cable. Utilizing standard video and power connections, it is ready to plug into existing CCTV infrastructures right out of the box.

Production facilities for the VisionIR are ISO 9001:2000 certified. We firmly support an international set of standards for quality and continuous improvement. In addition, we focus on 24/7 technical support, rapid response time and are proud to offer a robust array of warranty plans, specifically designed to protect your investment.



### FEATURES

- Ease of integration: 4 screws, 1 cable
- Nitrogen purged housing
- NEMA 4X & IP66 certified
- Electronic and focus free lens options
- ICx product compatibility



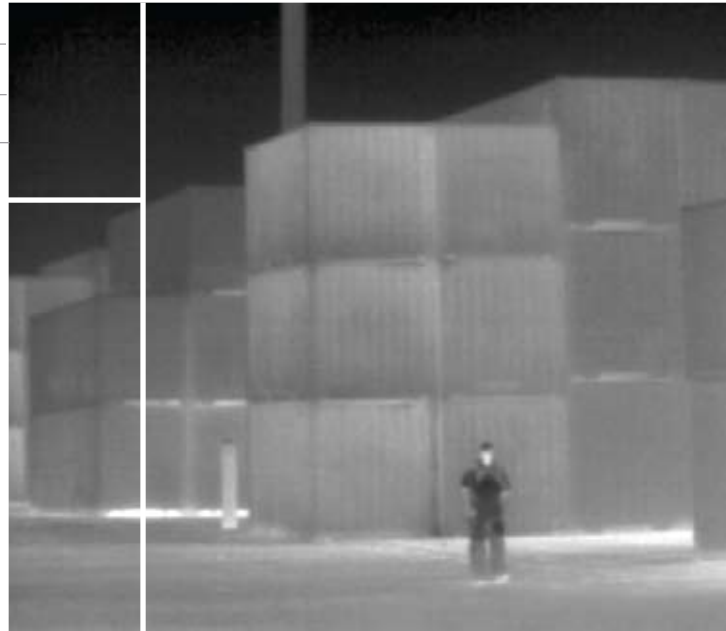
NEW THREATS.  
NEW THINKING.®

## SPECIFICATIONS

Video Output	RS-170 (NTSC) or CCIR (PAL)
Serial Interface	RS-232, RS-422, RS-485
Power Input	12-28 VDC or 220/110 VAC 50/60Hz
Power Consumption	<7 Watts (nominal)
Weight	7-10 lbs. (dependent upon lens configuration)
Operating Temperature	-40° to +60° C
Environmentally Sealed	NEMA 4X & IP66 certified

### THERMAL CAMERA

Detector	Uncooled, vanadium oxide microbolometer
Frame Rate	30 Hz
Resolution	320 x 240
Spectral Response	LWIR
IR Lens Options	25mm, 50mm or 100mm
IR Zoom	2x and 4x digital zoom
Focus	Remote and focus-free options available
Thermal Time Constant	<30 msec
Gain/Level Controls	Automatic or Manual



ICx Technologies  
2100 Crystal Drive  
Suite 650  
Arlington, VA 22202

T + 1.866.458.ICXT (4298)  
E-mail: [imagingsystems@icxt.com](mailto:imagingsystems@icxt.com)  
[www.icxt.com](http://www.icxt.com)

