



Key Features



Long-Range Thermal Imaging

Cooled thermal cameras system capable of detection at over 40km range.



Unrivalled Image

Crystal clear HD 1280x1024 thermal image, with a 10µm core.



Cooled Thermal Core

For maximum sensitivity and accurate threat assessment.

Key Benefits



High Performance

Proprietary image processing algorithms provide industry-leading thermal image quality.



OFC Integration Option

A stand-alone thermal camera package easily integrated with other systems, such as a PTZ.



Rugged Design

Designed to meet stringent naval and industrial specifications.

Accuracii LR

Long range, continuous zoom, cooled thermal camera based on a cooled thermal core for high-range detection and low maintenance.



24/7 Security Solutions



Drone Detection

Drones have become as abundant as pigeons. Most mean not harm, but the potential damage they may afflict if operated by the wrong hands is enormous. To be prepared, monitor your airspace to be ready in case of an aerial intrusion, whether accidental or malevolent.



Maritime Domain Awareness

Maritime security has major economic and military implications. Whether alerting the approach of pirates sneaking up on a remote offshore platform, aid in search and rescue, identify illegal fishing, or hostiles approaching shore - thermal imaging solutions are necessary to defend coastlines.



Border Security

Today's world is more dangerous than ever. In order to protect their borders, countries must improve their long-range optics. Long range thermal imaging systems can provide all weather, all lighting 24/7 protection, providing border security forces early warning of possible threats.



Extra Long-Range Portable Surveillance



= Human Subject
Size 1.8m x 0.5m

= Vehicle Subject
Size 2.3m x 2.3m

Identification 12 lines on subject
Recognition 6 lines on subject
Detection 2 lines on subject

* Performance dependent on atmospheric conditions

Specifications Overview

Imager Type	Cooled 10µ 3-5µm	Operating Temperature	-40° to +60° C
Resolution	SXGA 1280 x 1024	Visual Lens	15-850mm 41-2184mm
NETD	< 25°mKV < 41°mKV	Zoom	Continuous Zoom or Dual Field of View with Autofocus
Video Output	H264/5, M-JPEG	Pan/Tilt Range	-40° to +40° (Optionality to ±90°)
Lens Options (mm)	24-300mm, 48-600mm, 72-900mm HFOV: 30°-2.4°, 15.2°-1.2°, 10.2°-0.8°	Pan/Tilt Speed	0.005°/s to 100°/s Preset: 100° /s 0.005°/s to 30°/s (In stabilisation mode) * Backlash free
Focus	Autofocus on Demand	Dimensions	1000mm x 600mm x 700mm
Power Input	24VDC (20-30V)	Weight	70kg
Communication Protocol	Onvif S/T	MTBF	20,000 Hours (depending on environment)
Certifications	CE, FCC, IP66		

