

Applications

Search and Rescue
 Crime Scene Investigation
 Routine Patrols
 Disturbed Surfaces
 Covert Surveillance
 Fugitive Pursuit
 Officer Safety



Specifications

Detector type	Uncooled VOx Microbolometer
Spectral Band	7.5-13.5μm
Resolution	640x480 pixels
NETD	50mK
Frame rate	9Hz (30Hz optional)
Focal Length	100mm F/1.6
FOV	6.2°x5.0°
E-Zoom	x1, x2, x4, x8
Display	
Type	Dual OLED 800x600pixels
Eyepiece Adjustments	Dioptre Adjustment -4 to +2 Dioptres
Electrical Characteristics	
Video output	NTSC or PAL optional
Control Interface	RS232 or RS422 (USB optional)
Battery	2x18650 Lithium (Rechargeable)
Battery Life	4hrs operation
External Power	12VDC
Physical Characteristics	
Weight	<2.6kg
Dimensions	L280mm, W200mm, H150mm
Environmental Characteristics	
Military Specification	MIL-STD-810F
Operating Temperature	-20 to +60°C
Rating	IP67- 10minutes at 1 meter
Range Performance	
Man Detection	2450m
Man Recognition	650m
Vehicle Detection	6000m
Vehicle Recognition	1750m