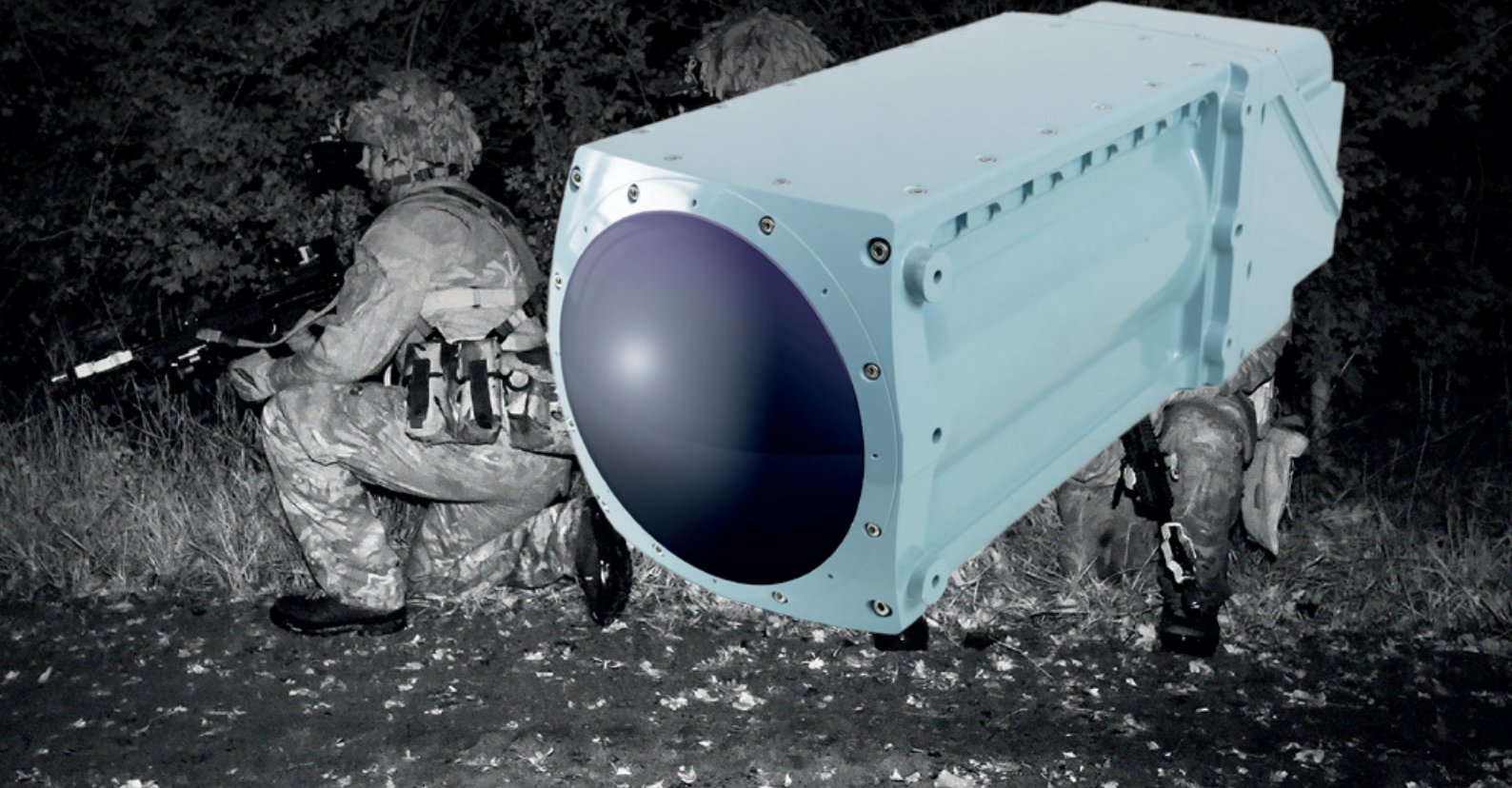


SLX-SUPERHAWK

THERMAL IMAGING CAMERA



SLX-SuperHawk is a Medium Wave Infra-Red (MWIR) thermal imaging camera employing the latest focal plane array technology to meet long-range surveillance and target identification requirements. It provides a wider Field of View (FoV) for greater Situational Awareness, whilst delivering a narrower IFoV for longer range target identification and engagement.

It is available in two variants both incorporating a high definition (HD) 1280x1024 resolution focal plane array detector.

SLX-SUPERHAWK S

SLX-SuperHawk S incorporates an integrated detector cooler assembly (IDCA) providing a compact high performance capability.

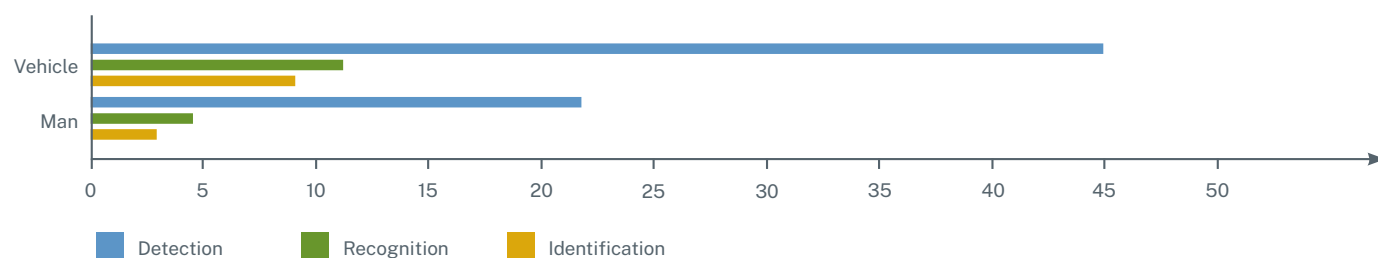
SLX-SUPERHAWK L

SLX-SuperHawk incorporates a 40,000 hour long life split linear cooler offering the same high performance but with extended maintenance free operation and low cost of ownership.

KEY BENEFITS

- Designed, developed and manufactured in the UK
- 'Dual Use' rated
- Very low through-life cost due to 40,000 hours cooling engine life (SLX-SuperHawk L)
- Multiple digital and analogue video outputs
 - Analogue Video Output
 - HD-SDI Video Output
 - Fibre-Optic Output
- Latest image processing
 - Turbulence mitigation
 - Image stabilisation
 - Local area contrast enhancement
- Qualified temperature range
 - Operating -32°C to +55°C
 - Storage -40°C to +71°C
- Designed for fixed and mobile applications
- Extended warranty options
- Finance options available
- Service provision contracts options

RANGE PERFORMANCE (KM)



TECHNICAL SPECIFICATION

Detector array resolution	1280 x 1024
Detector pitch	8µm
FoV	21.5° x 17.3° to 1.47° x 1.17°
Detector technology	MCT
Band	3.7µm – 4.95µm
F/Number	F/2.8
Focal length of continuous optical zoom	27mm to 400mm
Comms	RS-42, Fibre Optic
Analogue video output	NTSC, PAL (CCIR), HDTV 720p/1080p, VESA
Digital video output	HD-SDI, Fibre Optic
Qualified temperature range	Operating -32°C to +55°C Storage -40°C to +71°C
Weight	SLX-SuperHawk S 10kg SLX-SuperHawk L 11.5kg
Size (LxWxH, excluding connectors)	SLX-SuperHawk S 470 x 171 x 171mm SLX-SuperHawk L 470 x 171 x 171mm

Power source	28VDC (18-32V)
Nominal power at steady state:	<25W
Dynamic range enhancement	Local Area Contrast Enhancement (LACE), Linear, Edge Enhancement
Image Stabilisation	Yes
Turbulence Mitigation	Yes
Auto Focus	Yes
Cooling engine	SLX-SuperHawk S Rotary IDCA (15,000hrs) SLX-SuperHawk L Long life linear (40,000hrs)
Non-uniformity correction	Built-in reference and quadratic NUC
E-Zoom	Interpolated (up to 8x)



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