



THERMAL IMAGING MONOCULAR
FLIRSCOUT®

FLIR SCOUT® TK

The FLIR Scout TK is a pocket-sized thermal vision monocular for exploring the outdoors at night and in lowlight conditions. Scout TK reveals your surroundings and helps you see people, objects, and animals over 100 yards (90 m) away. Simple to use, with still image and video recording, Scout TK is the perfect companion, whether in the back country or your own backyard.

Detector	160 x 120 VOx
Refresh Rate	<9 Hz
Focal Length	13 mm
Onboard Recording	Video/Images
Detection Range	100 m



FLIR SCOUT® II

Offering clear thermal imaging in a compact monocular, Scout II quickly detects humans, animals, and objects in low visibility environments—day or night. Generating images based on heat, rather than visible light, thermal imaging gives users increased situational awareness in complete darkness and haze, providing reliable vision for surveillance and safe navigation. A rugged IP67 housing allows on-demand thermal imaging in the most trying conditions.

Detector	336 x 256 640 x 512 VOx
Refresh Rate	<9 Hz
Focal Length	19 mm, 35 mm
Weather Rating	IP67
Detection Range	550 m, 1140 m



FLIR SCOUT® III

Scout III captures sharp thermal imaging at a fast framerate for smooth, impeccable vision on running targets and from moving vehicles. Designed to increase situational awareness at any time of day, Scout III can detect humans, animals, and objects in complete darkness, haze, or through glaring light. A rugged IP67 rated housing stands up to harsh weather and drops, equipping law enforcement professionals, hunters, and outdoor enthusiasts with reliable thermal imaging in tough conditions.

Detector	336 x 256 640 x 512 VOx
Refresh Rate	30 Hz, 60 Hz
Focal Length	19 mm, 35 mm
Weather Rating	IP67
Detection Range	550 m, 1140 m

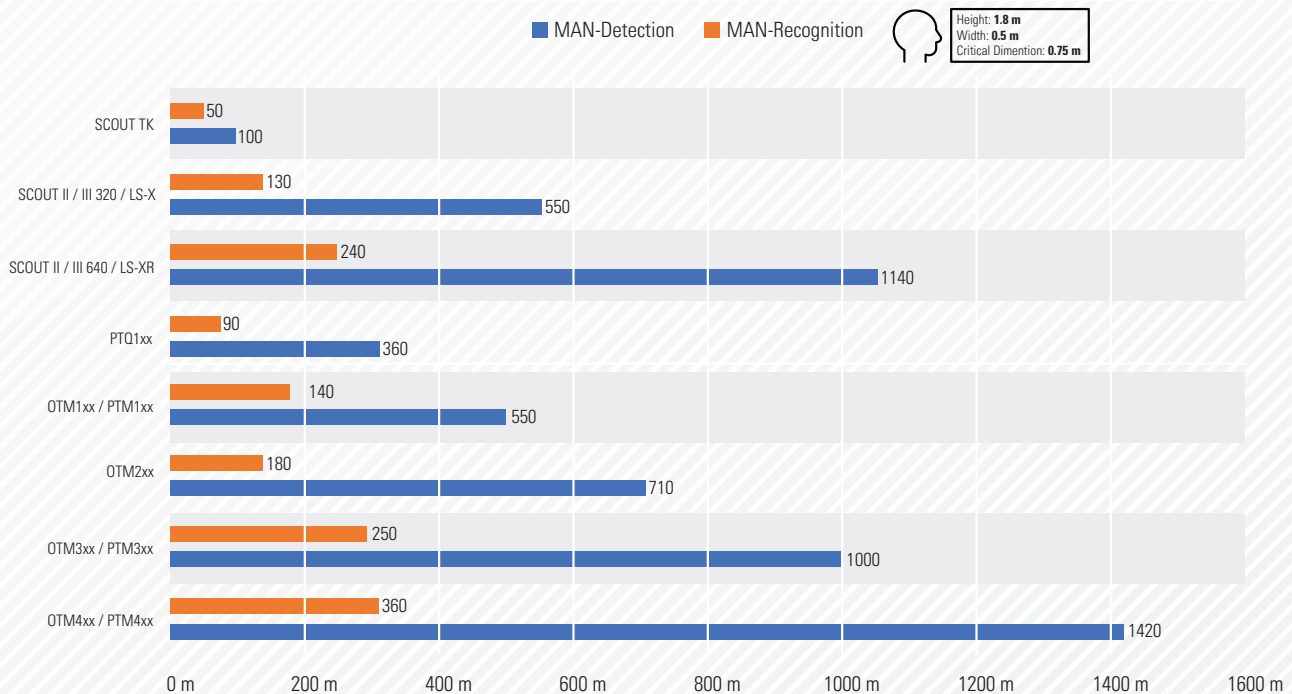


THERMAL MONOCULAR SPECIFICATIONS

SPECS	SCOUT TK		SCOUT					BREACH	
PRODUCTS	OTM 130, 136		II 320	III 320	LS-X	II 640	III 640	LS-XR	PTQ 136
DETECTOR	160 × 120 12µm Microbolometer		336 × 256 17µm microbolometer		640 × 512 17µm microbolometer			320 × 256 12µm microbolometer	
LENS	13 mm Fixed Focus		19 mm Fixed Focus		35 mm Fixed Focus			9.1 mm; F/1.04	
FIELD OF VIEW	18° × 14°		17° × 13°		18° × 14°			24° × 19°	
DETECTION RANGE*	100 m		550 m		1140 m			360 m	
OPTICAL MAGNIFICATION	1x		1.1x		1.1x			1x	
DIGITAL ZOOM	No		2x	2x	2x, 4x	2x, 4x	2x, 4x, 8x	2x, 4x	
REFRESH RATE	< 9 Hz		< 9 Hz	60 Hz	7.5 or 60 Hz	< 9 Hz	30 Hz	7.5 or 30 Hz	60 Hz
VIDEO CAPABLE	Video Capture		Composite Video Out		Video Output	Composite Video Out		Video Output	Digital Video
POWER	Internal Li-Ion Cell, > 5 hrs							1 CR123A 3V Lithium batteries, up to 90 minutes	
DIMENSIONS	152 × 51 × 51 mm (6 × 2 × 2 in)		170 × 58 × 62 mm (6.7 × 2.3 × 2.4 in)					96 × 48 × 68 mm (3.8 × 1.9 × 2.7 in)	
OVERALL DIMENSIONS	N/A							139 × 54 × 72 mm (5.5 × 2.1 × 2.8 in)	
WEIGHT	0.17 kg (0.375 lbs)		0.34 kg (0.75 lbs)					0.21 kg (0.46 lbs)	

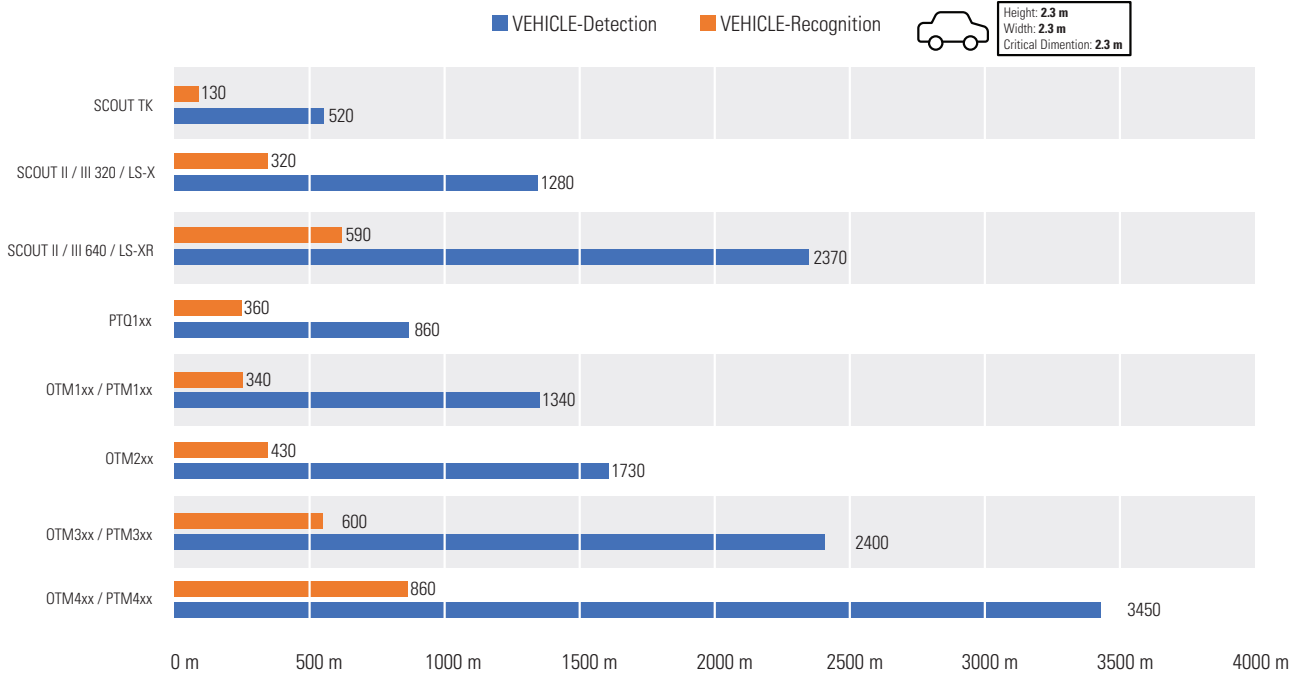
SPECS	SCION							
PRODUCTS	OTM 130 / 136	PTM 166	OTM 230 / 236	OTM 260 / 266	OTM 366 / PTM 366	PTM 336	OTM 430 / 436	PTM 466
DETECTOR	320 × 256 VOx 12µm Microbolometer		320 × 256 VOx 12µm Microbolometer	640 × 512 VOx 12µm Microbolometer	640 × 512 VOx 12µm Microbolometer	320 × 256 VOx 12µm Microbolometer	320 × 256 VOx 12µm Microbolometer	640 × 480 VOx 12µm Microbolometer
LENS	13.8 mm	14 mm	18 mm		25 mm		36 mm	
FIELD OF VIEW	16° × 12°	31° × 24°	12° × 9°	24° × 18°	18° × 13°	9° × 6.5°	6° × 4.5°	12° × 9°
DETECTION RANGE MAN	550 m		710 m		1000 m		1420 m	
OPTICAL MAGNIFICATION	1.5x	0.7x	1.9x	1x	1.3x	2.6x	3.8x	2.0x
DIGITAL ZOOM	1x, 2x, 4x	1x, 2x, 4x, 8x	1x, 2x, 4x	1x, 2x, 4x, 8x	1x, 2x, 4x, 8x	1x, 2x, 4x	1x, 2x, 4x	1x, 2x, 4x, 8x
REFRESH RATE	9 Hz, 60 Hz	60 Hz	9 Hz, 60 Hz		60 Hz		9 Hz, 60 Hz	60 Hz
VIDEO CAPABLE	Yes		Yes		Yes		Yes	
POWER	6 x CR123a 3V Lithium battery, Optional rechargeable battery pack							
DIMENSIONS	239 × 76.8 × 60.5 mm (9 × 3 × 2.4 in)	227 × 76.8 × 60.5 mm (9.4 × 3 × 2.4 in)	239 × 76.8 × 60.5 mm (9 × 3 × 2.4 in)		227 × 76.8 × 60.5 mm (9.4 × 3 × 2.4 in)		239 × 76.8 × 60.5 mm (9 × 3 × 2.4 in)	278 × 77 × 73mm (10.9 × 3.03 × 2.87)
WEIGHT	unit only 0.452 kg (1 lbs) with battery 0.565 kg (1.25 lbs)		unit only 0.567 kg (1.25 lbs) with battery 0.68 kg (1.5 lbs)		unit only 0.567 kg (1.25 lbs) with battery 0.68 kg (1.5 lbs)		unit only 0.68 kg (1.5 lbs) with battery 0.793 kg (1.75 lbs)	

Product range performance - Human



PRODUCT RANGE PERFORMANCE

Product range performance - Vehicle



Product range performance - Boat

