

TiM

**Hand Held
Thermal imaging Monocular
Configure TiM your way!**



Configuration Options:

- 1. Choose your detector resolution:**
384 x 288 /17 μ m
or
640 x 480/17 μ m.
- 2. Choose your lens options:**
19mm, 35mm, 50/52mm or 75mm.

Key Features:

Latest TapIR advantage IR shutterless Engines, with "SmartCal" and Smooth Zoom.

Selectable "AutoCover" "auto on/off display.

Designed and Manufactured in the UK/EU.

No US ITAR export restrictions.



The new TiM from iSSUK, brings innovation and solution to recognisance missions. The TiM is fitted with the latest generation of our industry leading TapIR shutterless engine cores, which use the latest Gen 2 European 17µm detectors, coupled to our fast optics to provide you with unparalleled performance and reliability. Both the TiM 640 and TiM 384 offer the same man detection, recognition and identification ranges, the only difference is Field of View (FoV), the 640 provides a larger FoV for each lens size option.

1. Choose your TapIR engine core:
640 x 480 or 384 x 288 pixel resolution.
2. Choose your Lens Option:
19mm, 35mm, 50/52mm or 75mm.

Technical Specifications

Detector Resolution:	Ulis ASi Gen2; 640 x 480/17µm Ulis ASi Gen2; 384 x 288/17µm
Detector NETD	<50mK (Optional <40mK 640 Version).
Lens	Fixed or Manual Focus
HFOV/ 640	19mm/32° - 50mm/12.4° - 52mm/11.9° - 75mm/8.3°
HFOV/384	19mm/19.5° - 50mm/7.5° - 75mm/5°
Smooth Zoom	X2 & X4 X8 (without loss of boresight)
Polarity:	White hot/Black Hot/Iron Bow
AutoCovert™	Selectable Auto on/off display
Power Supply	2 x CR123 Batteries or 12Vdc External
Operating Time	>6 Hours (On Lithium CR123)
Range finding .	On screen Graphic
Display	Single 800 x 600 AMOLED
Eyepiece	27mm Aperture/75mm eye relief
Dioptre Adjustment	-6 to +4
Video Out put	PAL
Dimensions (mm)	253 x 60 x 60 (with 75mm Lens)
Weight	<850g (with 52mm lens & Batteries)
Operating Temp	-40°C to +55°C
Conforms to MIL STD 810G	



Performance

Man: D, R & I (M)*
 75mm = 2991/735/368 meters
 50mm = 1961/490/245 meters
 19mm = 745/186/93 meters

*Performance figures are based on STANAG 4347 using NATO standard targets with an atmospheric extinct coefficient of 0.1

Options:

Top mounted Picatinny rail
 1/4" BSW Tripod Mount
 Customised Graphics
 Laser Pointer or Red Dot Sight
 External SD Card Video Recorder with Display.
 Internal 32Gb Video recorder.

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