



# HENSOLDT IRV-MR

## Uncooled thermal clip-on system

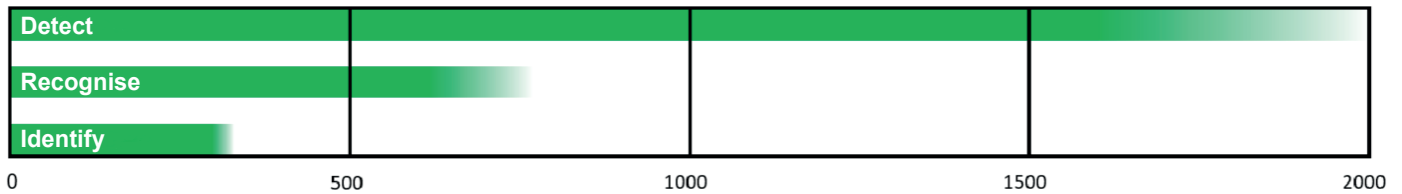
### Capabilities

- Extreme short and lightweight design
- Simple operating concept
- Can be used as an attachment and target device
- Video exit for external monitor
- Ready to use in less than four seconds
- Two battery holders for quick and safe battery change under all environmental conditions
- Central control panel

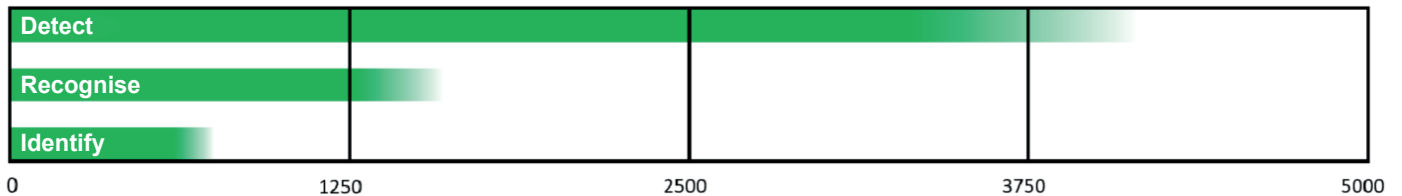


# HENSOLDT IRV-MR Thermal clip-on system

Optical data	
Magnification (M)	Attachment: 1x Target device: 1x; 2x; 4x
Focus range	10 m - ∞
Field of view	10,4°x 7,8° / 184 m x 138 m @1000 m
Strichbilder	20 (when used as target device)
IR sensor	
Wave length	7 µm – 14 µm
Pixel-Pitch	12 µm / 640 x 480 Pixel / 60 Hz
Display	
Type	OLED (colored)
Image abilities	Adaptive local contrast enhancement / Selection of colour-optimized scene display / hot spot detection / cant highlighting
Coverage*	
Person	



## Vehicle



Dimensions, weight	
Length / width / height	132 / 80 / 76 mm
Weight	≤ 580 g (ready for operation)
Interface	Picatinny (MIL-STD 1913) / STANAG 4694
Electrical data	
Battery type	3x AA 1,5V / lithium battery / rechargeable / Alkaline
Battery lifetime	≥ 7h @ 21°C env. temp. / lithium battery / image operation / med. brightness
Battery compartment	Pre-fitted battery holders enable quick and blind battery replacement during use (comes with 2 separate battery holders)
Power up time	< 4 s
Image snap shot	1000 x JPEG (optional)
Connectivity	
Interface port	External power / USB digital video / remote control wired / firmware update
Wireless	Bluetooth / WiFi (optional)
Ambient conditions	
Environmental resistance according to NATO D14 Handbook 2018	