



This image shows an IRV 600

IRV 900 A1

Thermal imagers

The thermal sight attachment IRV 900 A1 is the enhancement of the well-tried IRV 900 - developed for sniper rifles or machine guns. As an in-line system it fulfills the high requirements of specialized troops.

The high performance was supplemented with following characteristics: The IRV 900 A1 can be either used as a clip-on system with 1x magnification or as a stand-alone targeting optic with digital zoom. A colour monitor enables an easier target reconnaissance with false colour presentation.

FEATURES & BENEFITS

- Long range
- Simple operating concept
- Video port for external monitor
- Noiseless and ready to use in only five seconds
- Additional Picatinny rail for optional accessories
- Practical battery pack for replacement without tools
- Central control panel



The **new** Sensor House

HENSOLDT
Detect and Protect.

IRV 900 A1

Optical data	
Magnification	1 x
Lens diameter	63,75 mm
Fields of View (at 1000 m)	8° x 6° = 140m x 105m
Focus range	5 m at ∞
Recognition range (3LP / 1,7 m x 0,6 m)	≥ 760 m (with Targeting optic 4 x 30)
Electrical data	
Power supply	12 V
Battery type	4 x Lithium CR 123A
Battery operating time at 20°C and maximum display brightness	≥ 4,6h
Low battery display	yes
Detector type	uncooled 640 x 480 px (17 µm pitch)
Wavelength range	8 at 14 µm
Polarity switch	yes
Night vision mode for display	yes
Extended image display options	Extended grayscale / partial colour scheme / reticle display
Electronic Interface	PAL / external video port
Mechanical data	
Dimensions (L x W x H)	202 x 108 x 86 mm
Weight (incl. 4 x battery)	approx. 996 g
Interface / Minimum height	MIL STD 1913 – STANAG 4694 / 38 mm
Environmental conditions	
Operating temperature	- 35°C at + 63°C
Environmental tests	MIL STD-810-G, DIN ISO 9022