



SAE

THERMAL SIGHT PR82



Parameters

Detector type
Resolution
Material
Pitch
Frame rate
Video output
Spectral response
Lens diameter
Field of view
Optical magnification
Electronic zoom
Dioptre
Eye relief
Detection of single human

Specification

Uncooled
384x288/640X480
Amorphous silicon / Vox
17 μ m / 12 μ m
50 Hz
Yes
7-14 μ m
100 mm / 75mm / 50mm
(H x V) 3.7°x2.8° / 6.2°x4.7°
9.2 / 5.5X
18.4-36.8X / 11-22X
-5 to +5
52 mm
3180 / 2000m

Recognition of single human	1500 / 1000 m
Identification of single human	700 / 500 m
Reticule	7 types
Power	On / Off
Brightness adjustment	Manual
Sharpness adjustment	Automatic
Polarity control	White hot / Black hot / Multiple Color Modes
Start up time	<5 Sec
Display	OLED
Video out	Optional
Low battery indicator	Yes
Batteries	CR123
Continuous use	07 hours
Weight	750 / 1500 grams
Dimensions (without bracket)	331 x 112 x 116 mm
Colour	Black
Environmental rating	Water proof and Dust proof
Environmental standards	MIL STD 810G
Operating temperature	-40° C to +50° C
Storage temperature	-45° C to +85° C
NETD	≤50 mK
EMI / EMC Standards	MIL STD 461-F
Warranty	2 year standard

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