

SA SERIES - Thermal Imaging Scopes [17µm, 50Hz]

(Can be used as Monocular / Scope OR can be weapon mounted)

(LRF models = with Laser Range Finder)

MODELS:

SA 19/19LRF = 19mm Objective Lens

SA 25/25LRF = 25mm Objective Lens

SA 35/35LRF = 35mm Objective Lens

These devices are compact, portable and multinational thermal imagers that are ideally suited for security, anti-theft, wildlife observation, outdoor exploration, hunting, night patrol and operations at sea. Adopting advanced NST technology and incorporated with French -made detector, it features High sensitivity, a High refresh rate and High availability.

- Optional 5"LCD Display for a better viewing experience
- Selectable White-hot / Black-hot / Red-hot / IR-hot / Sky modes
- The smallest, most weightless thermal imaging scope
- Shutter-less design, fast & smooth display
- Matte black finish of 6061 Aerospace Aluminium Alloy;
- Max. recoil power is 6,000 Joules on rifled weapon
- Sunshine-proof, self-repair
- SZ65 port
- Heat tracking function
- Red dot / Laser



(LRF models = with Laser Range Finder)



Specifications			
Model No.	SA 19/19LRF	SA 25/25LRF	SA 35/35LRF
Sensor	384x288, 17µm, 50Hz		
Magnification	1.5x - 4.5 x	2.5x - 7.5x	3.2-9.6x
Angle of view(HxV)	19.5*14.7	14.9*11.2	10.7*8.0
Objective lens	19mm/f1.0	25mm/f1.0	35mm/f1.0
Quick-release Display	5" LCD Display 800x600 (optional)		
Shutter	Shutter-less calibration of uncooled cameras		
Eye-piece Resolution	800x600		
Exit pupil	8mm		
Eye relief	45mm		
Dioptre adjustment	± 5		
Focus Method	Manual		
Focus Range	1 m to Infinity	3 m to Infinity	5 m to Infinity
Reticle Type	9-Pattern optional, or "NO reticle"		
Display format	White Hot / Black Hot/ red hot / Iron red / Sky		
Human Detection Distance	750 m	960 m	1500 m
Vehicle Detection Distance	1200 m	1500 m	3000 m
Measuring Distance of Rangefinder	**/ 600m	**/ 600m	**/ 600m
Measurement Accuracy of Rangefinder	± 0.5m		
Video Output	Composite Video Output		
Defective Pixel Repair	Yes		
E-compass	Yes		
3D Gyroscope	Yes		
Startup Time	Less than 2 seconds		
Battery	Li-ion 18650 4.2V Rechargeable Battery replaceable		
Housing Materials	6061 Aluminum Alloy		
Housing Finish	Matte black finish		
Body Size (mm)	Standard	147*51*65.5	162*51*65.5
	With Rangefinder	147*74.6*65.5	162*74.6*65.5
Weight (NO battery)	330/350g	340/360g	400/420g