



Product description: Smart Thermal Gun Sight

Product name: SC SP series



Features:

SCSP smart thermal gun sight developed by our company, the artificial intelligent technology applied to the field of firearms. In addition, the global first automatic gun calibration, smart ranging and simple manipulation patent technologies are adopted. It subversively solves some problems such as difficult infrared gun calibration, low pointing accuracy, and complicated operation and application, which greatly improves the firearm combat effectiveness.

- Compact replaceable battery.
- Analog output.
- Interior screen.
- Lens 25mm, 50 mm.
- 650m, 1250m range based on lens option.

The automatic gun calibration technology can be used to solve some problems about the traditional gun calibration fully, such as time waste, hard sledding and bullet waste, to realize the quick and accurate single-shot gun calibration. In the product, the lens and the connecting seat can be changed to equip with a wide range of gun families, which are widely applied in the world, to detect, observe and aim at targets in all-weather conditions in all kinds of environments.

Application:

- Police & Military law enforcement.



Sniper data:

Product	SCSP50	
Monitoring Distance	Object	Human (1.8*0.5 m)
	Detection Distance	1,484 m
	Recognition Distance	372 m
	Identification Distance	186 m
Resolution (pixels)	384x288	
Spectral response	8-14μm Un-cooled LWIR micro-bolometer	
Pixel Pitch	12μm	
Thermal Sensitivity (NETD) of sensor	<50mK @f1.0, 30Hz, 300K	
Operating temperature (ambient temperature)	-20°C to 70°C	
Video Output	Built in LED Screen, BNC connector (composite)	
Video frame Rate	BNC connector (composite): NTSC 30Hz, PAL 25Hz	
Lens	25mm /40mm lens Athermalized lens	
Detection Mode	-20~120°C	
Normal temperature	0~650°C	
High temperature		
Power consumption	4W	
Weight	1.102kg	

Measures and Diagram: (mm)

