

NNIPO

TC23 Series Thermal Imaging Scope

The TC23 features an ergonomic design that emulates the style of a traditional classic day scope. This design of this scope accommodates long term operating habits of hunters. Perfectly integrated with the latest high-quality thermal imaging technology, ultra-clear image quality, compatible with universal standard 30MM ring.



	TC23-335/TC23-635
Detection distance rabbit(0.2×0.3)m	700
Detection distance Human(1.8×0.5)m	1500
Detection distance deer(1.5×0.9)m	2000
Detection distance Vehicle(2.3×2.3)m	3000
Recognition distance rabbit(0.2×0.3)m	180
Recognition distance Human(1.8×0.5)m	750
Recognition distance deer(1.5×0.9)m	1000
Recognition distance Vehicle(2.3×2.3)m	1500

Product parameters

Model	TC23-335	TC23-635
Lens	35mm	35mm
Thermal sensor	VOX 384*288	VOX 640*512
Optical Magnification	3.34~26.75×	2.01~16.05×
NETD	≤25mk	
Pixel size	12μm	
Frame rate	50 Hz	
Display resolution	1024*768 OLED	
Digital zoom	2×,4×,8×	
Field of View (HxV)	7.5°×5.7°	12.5°×10°
Eyereief	48mm	
Diopter (Range)	±5D	
calibration	Shutter calibration、 Scene calibration、 Automatic calibration	
Reticles	8 types with 5 colors	
Palettes	White hot、 Black hot、 Red hot、 Iron red、 Fusion	
Battery	single 18650	
PIP	Yes	
Hot track	Yes	
Laser range finder	Optional	
Video output	CVBS	
Battery Life (Operating)	>8 hours	
External power supply	TYPE-C interface	
Housing	Aviation aluminum alloy	
Dimension (mm)	396*80.5*70	396*80.5*70
Weight(g)	690g / 741g(LRF)	690g / 741g(LRF)
Protection Level	IP67	
Working temperature	-20°C...+60 °C	