

# NNIPO

## TC23S Series Thermal Imaging Scope

The TC23S 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. It can be photo taking, video recording, WIFI app connection with phone for transmission.



	TC23S-335/TC23S-635	TC23S-345/TC23S-645
Detection distance rabbit(0.2×0.3)m	700	800
Detection distance Human(1.8×0.5)m	1500	1700
Detection distance deer(1.5×0.9)m	2000	2300
Recognition distance rabbit(0.2×0.3)m	180	200
Recognition distance Human(1.8×0.5)m	750	850
Recognition distance deer(1.5×0.9)m	1000	1100

## Product parameters

Model	TC23S-335	TC23S-345	TC23S-635	TC23S-645
Lens	35mm	45mm	35mm	45mm
Thermal sensor	Vox 384*288		Vox 640*512	
Optical Magnification	3.34~26.75×	4.3~34.4×	2.01~16.05×	2.58~20.64×
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°	5.3°×4°	12.5°×10°	9.8°×7.8°
Eye Relief	48mm			
Diopter (Range)	±5D			
Calibration	Shutter calibration、Scene calibration、Automatic calibration			
Reticles	8 types with 5 colors			
Palettes	White hot, Black hot, Red hot, Green hot, Iron red, Fusion			
Battery	Single 21700 or 18650			
PIP	Yes			
WIFI	Yes			
E-compass	Yes			
3D Gyroscope	Yes			
Hot track	Yes			
Capture snapshot	Yes			
Video recorder	Yes (with sound)			
Laser range finder	Optional			
Video output	CVBS			
Operation time	>5hours			
External	TYPE-C interface			
Housing	Aviation aluminum alloy			
Dimension (mm)	400*86*81	410*86*81	400*86*81	410*86*81
Weight(g)	720g / 759g(LRF)	815g/ 856g(LRF)	720g / 759g(LRF)	815 g / 856g(LRF)
Protection level	IP67			
Working temperature	-20°C...+60 °C			