INNPO

TR22 Series

TR22 is a good quality infrared thermal imaging device. It is compact,light weight and easy to carry, it was created by the design team that won the highest global design award"the Red Dot Award"based on a conception of sturdy,strength and technology. Using the most advanced infrared thermal imaging night vision system, the image quality is excellent with high shock resistance. A variety of reticles are optional.- Super long working time,It can meet various applications in law enforcement, outdoor hunting and other occasions.

	TR22-325 / TR22-625	TR22-335 / TR22-635	TR22-345 / TR22-645
Detection distance rabbit(0.2×0.3)m	450	700	800
Detection distance Human(1.8×0.5)m	1000	1500	1700
Detection distance deer(1.5×0.9)m	1300	2000	2300
Recognition distance rabbit(0.2×0.3)m	120	180	200
Recognition distance Human(1.8×0.5)m	500	750	850
Recognition distance deer(1.5×0.9)m	650	1000	1100

Product parameters

Model	TR22-325-LRF	TR22-335-LRF	TR22-345-LRF	TR22-625-LRF	TR22-635-LRF	TR22-645-LRF
Lens	25mm	35mm	45mm	25mm	35mm	45mm
Thermal sensor	Vox 384*288			Vox 640*512		
Optical Magnification	2.39~19.11×	3.34~26.75×	4.3~34.4×	1.43~11.47×	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)	10.5°×7.9°	7.5°×5.7°	5.9°×4.4°	17.5°×14°	12.5°×10°	9.8°×7.8°
Eyerelief	48mm					
Diopter (Range)	±5D					
Compensation method	Shutter Calibration, scene Calibration, automatic Calibration					
Reticles	8 styles, 5 colors					
Pallets	White hot, Black hot, Red hot, Iron red, Fusion					
Battery	single 18650					
PIP	Yes					
Hot spot tracking	Yes					
Laser range finder	Yes					
Video output	CVBS					
Battery Life (Operating)	>8 hours					
External power supply	TYPE-C interface					
Housing	Aviation aluminum alloy					
Dimension (mm)	194*77.6*58	199.6*77.6*58	209.6*77.6*49	194*77.6*58	199.6*77.6*58	209.6*77.6*49
Weight(g)	515g	520g	545g	515g	520g	545g
Protection Level	IP67					
Working temperature	-30°C...+60 °C					