

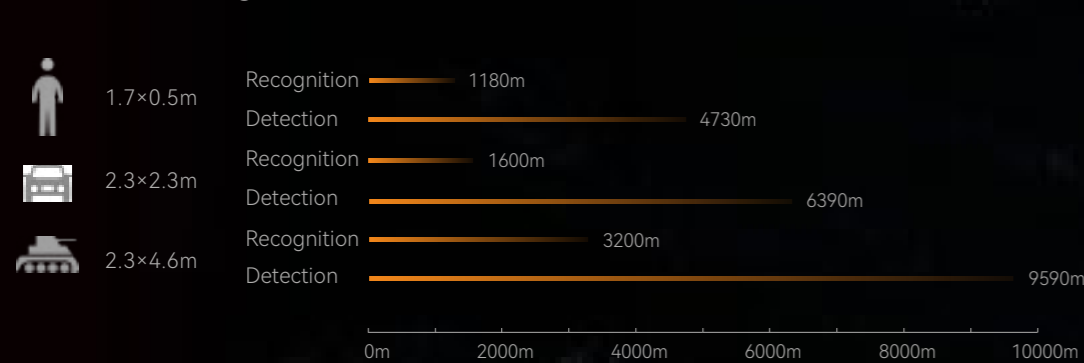
# T-IR

## Uncooled Infrared Thermal Imager

The T-IR series of long-barrel thermal imaging cameras is a product designed for outdoor observation, which can observe targets behind obstacles, regardless of day and night, adverse weather conditions (such as rain, snow, fog, haze, etc.), without the influence of strong light and without the need for external light sources. This series of uncooled thermal imaging cameras has clear and continuous images, long battery life, and uses a standard 30mm pipe diameter to adapt to the universal fixture, which can be widely used for observation and positioning in low visibility conditions.



### Effective Range



- Shutterless
- Qmultiple Pseudo-Colors
- Hot Target Tracking
- Real-Time Noise Reduction
- Reticle
- Wireless Image Transmission
- Digital Compass
- Picture-in-Picture
- APP
- High Concealment
- Outdoor Search
- Night Vision Observation

# T-IR

Model	T-IR-Q35	T-IR-Q50
Detector Parameters		
Type	Uncooled VOx Microbolometer	
Resolution, pixels	640×512/12μm	
Spectral Band	8~14μm	
NTED	≤ 35mk@300K	
Frame Rate,Hz	50Hz	
Optical Parameters		
Objective Lens	35mm(F1.0)	50mm(F1.0)
Field of View	12.5° ×10°	8.7° ×7°
Visual Magnification	2~8x	3~12x
Digital Zoom	1~4x	
Eye Relief	50mm	
Eyepiece Diopter	-5~+5	
Detection Range (Human)	3310m	4730m
Detection Range (Object)	4480m	6390m
Display Screen Parameters		
Type	0.39" OLED	
Resolution, pixels	1024×768	
Battery Powered		
Battery Type	Two 18650 Li-ion Batteries (Built-In) +One 18650 Li-ion Battery (External)	
Standby Time (22°C)	15h	
External Power Supply	5V(Type-C)	
Physical Parameters		
Scope Tube Diameter	30mm	
Reliability	1200g Shock Resistance	
Protection Rating	IP67	
Memory Capacity	32GB	
Operation Temperature	-20°C ~+50°C	
Weight (Without Battery)	≤ 950g	
Dimensions	430×105×77mm	440×105×77mm
Accessory Package	Mounting Bracket, Eyecup, Lens Cap, Security Case, Wiring Harness	