

# Experience Visual Delight with AMOLED

**TD Gen2 Series** 

Handheld Thermal Imaging Monocular

#### Introduction

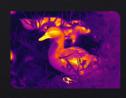
TD Gen2 Series follows the design of traditional optical equipment. It is a lightweight, portable, simple operation with a wide range of application scenarios for handheld thermal imaging monoculars. With a high-brightness AMOLED display, TD Gen2 Series provides clear imaging and a comfortable viewing experience with a battery life of up to 10 hours, making it the ideal equipment for outdoor night vision.

#### **Features**

- Boot up in 2 seconds and ready to use
- High-brightness AMOLED display for a comfortable observation
- Upgraded image algorithm for richer details
- Super long battery life of up to 10 hours
- IP66 encapsulation, rugged and durable
- New UI and interaction design for easier operation
- o OTA firmware upgrade by connecting APP

### **Applications**

- Night Hunting
- Law Enforcement
- Wild Adventure



- Search & Rescue
- Personal security
- Livestock Breeding

## **Specifications**

Product model	TD211	TD411	TD421	TD431
Sensor				
Туре	Uncooled VOx Infrared Detector, 8 to 14µm			
Resolution	256×192@12µm	384×288@12μm		
NETD	50mK	35mK		
Frame rate	50Hz			
Lens				
Objective lens	10mm, F1.0	19mm, F1.0	25mm, F1.1	35mm, F1.0
Field of view	17.5°×13.2°	13.6°×10.3°	10.4°×7.9°	7.5°×5.6°
FOV m@100m	31×23	24×18	18×14	13×10
Magnification	1.1x~2.2x	1.4x~5.6x	1.9x~7.6x	2.6x~10.4x
Detection range	500m/550yd	1000m/1090yd	1300m/1400yd	1800m/1950yd
Display		-	-	
Display type	0.23" AMOLED 640×400			
Color palettes	Black Hot, White Hot, Red Hot, Iron Hot, Blue Hot			
Eyepiece	Exit pupil distance 12 mm; Diopter: -4 to +2; Zoom: 18x			
Hardware				
WIFI	2.4G			
Interface	USB Type-C			
Power	1			
Battery type	Single, replaceable 18650 battery			
Operating time	12 hours 10 hours			
Environmental				
Encapsulation	IP66			
Physical				
Weight(g/oz)	280/9.88	330/11.64	325/11.46	345/12.17
Size(mm/in)	140×45×74/5.51×1.77×2.91	150×45×74/5.91×1.77×2.91 150×49×74/5.91×1.93×2		150×49×74/5.91×1.93×2.91
Standard	A device, lens cover and lanyard, Wrist strap, Carry bag, Eye mask, Battery charger, single 18650 battery, USB Type-C cable, Quick use guide, Warranty card			