

# TD Delphinus Series Handheld Thermal Imaging Monocular

High Cost-Effective Scope For Every Explorer



### Introduce

TD Delphinus Series follow the design of traditional optical equipment. It is a small, lightweight, simple operation, and a wide range of application scenarios for infrared handheld thermal imaging monocular. TD Thermal scope has clear imaging and comfortable observation, suitable for medium-distance and short-distance observation, It is an ideal equipment for outdoor night vision.



### Features and Benefits

- Boot up in 2 seconds and ready to use
- High-sensitivity self-developed infrared detector to accurately detect targets
- Built-in laser indicator to locate the target easily
- 1280x960 High Resolution LCOS Display Screen to provide a comfortable observation
- PIP mode to Highlight Target Clearly
- Connect App via WIFI to share anytime
- Support 8 hours super long operation time
- IP66 Encapsulation, Rugged and Durable

### Application

- Outdoor
- Wild Adventure
- Law Enforcement
- Search & Rescue
- Personal Security
- Livestock Breeding

# Specifications

Model	TD210	TD410	TD420	TD430	
Infrared Detector  Detector type		\ \	/Ox		
Detector resolution and pitch	256 × 192, 12 μm 400 × 300, 12 μm				
Spectral range	8 to 14 μm				
NETD	≤50mk @ F1 25°C				
Lens	10 510	40 540	0.5	75 710	
Focal length	10 mm; F1.0	19 mm; F1.0	25 mm; F1.1	35 mm; F1.0	
Focus Field of view	Electric 17.1°×13.0°	13.6°×10.3°	Manual 10.4°×7.9°	7.5°×5.6°	
Frame Rate	7.5 70.0				
Output frame frequency		50	) Hz		
Zoom					
Optical zoom	1.5x	1.9x	2.4x	3.4x	
Digital zoom	1x, 2x		1x, 2x and 4x		
Visual effect	It's like viewing at a 22" screen at 1 meter				
Power Battery type		Single replaced	ble 18650 battery		
Battery life	≥ 8 hours	Sirigle, replaced	≥ 7 hours		
Interface	> 0 Hours		> 7 Hours		
USB	Type C (USB 2.0 standard), supporting analog video and power supply				
Video interface		USB Type C			
External expansion		External Display and E	Bluetooth remote control		
Mechanical interface		UNC 1/4"-20 (Tripod	mounting), Picatinny		
Display		0.4//	EL 000		
Display type  Resolution			FLCOS		
Eyepiece	1280 × 960  Managular, avit pupil distance >12 mm, diapter adjustment: -4 to +2				
Eyepiece zoom	Monocular, exit pupil distance≥12 mm, diopter adjustment: -4 to + 2 13.8x				
Video output	Analog video				
Button					
Button functions	Power / Brightness / Zoom / Color palette				
Functions					
Screen brightness adjustment	1	5 10	evels		
Detector brightness adjustment	/ 5 levels				
LIPTECTOR CONTRACT Adjustment	/	Supported only when there is no laser indicator			
Detector contrast adjustment Image enhancement		Supported only when t	5 levels here is no laser indicator		
Image enhancement Scene modes	1				
Image enhancement	1	Enhanced, High Turn WIFI off or reduce t	here is no laser indicator light and Natural he screen brightness level		
Image enhancement Scene modes Ultra power saving mode WIFI	Transmission of real-time	Enhanced, High Turn WIFI off or reduce t video via WIFI for remote c	here is no laser indicator alight and Natural he screen brightness level ontrol in the 2.4G frequency b	pand and within 15 meters	
Image enhancement Scene modes Ultra power saving mode WIFI Color palettes	Transmission of real-time	Enhanced, High Turn WIFI off or reduce t video via WIFI for remote c Black Hot, White Hot, R	here is no laser indicator liight and Natural he screen brightness level ontrol in the 2.4G frequency b ed Hot, Iron Hot, Blue Hot	pand and within 15 meters	
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# Specifications

