

# **C4i** **communication**

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YOUR SECURITY & SAFETY PRODUCTS

## **JYM-2.0-TS** Thermal Sight



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# JYM-2.0 Thermal Sight

The JYM-2.0-TS is a high-performance multi-purpose thermal sight equipped with a 12 $\mu$ m, 640 $\times$ 512 (50Hz), NETD $\leq$ 25 mK thermal imaging detector for high-definition imaging at a high refresh rate. Based on advanced image processing algorithms, this device shows clear targets and smooth images. Besides, it also features a 64G memory, digital magnetic compass, image capture, video taking, and connection to apps.



white-hot



black-hot



iron-hot



green-hot



red-hot



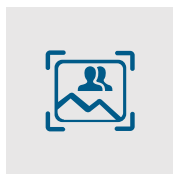
outline



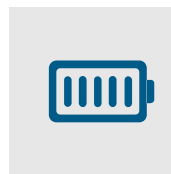
## PRODUCT HIGHLIGHTS



4-in-1  
Multi-purpose



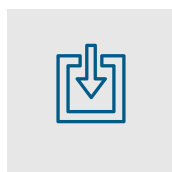
Rich Image  
Modes



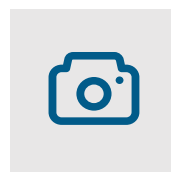
10h Long  
Battery Life



Lightweight, <270g  
IP67 Waterproof



1000G Shock  
Resistance  
0.3ms



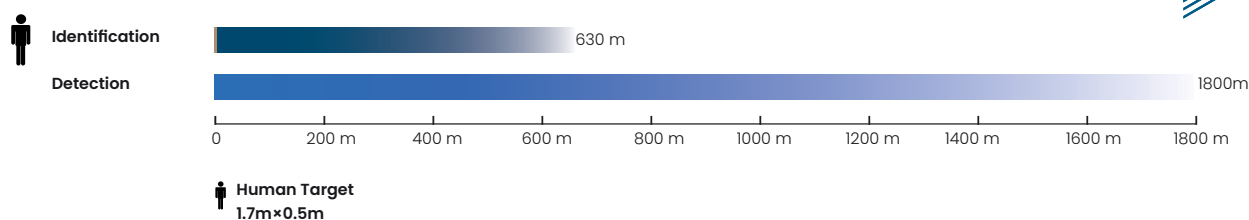
Support  
App Update for  
Image Capture  
and Video Taking

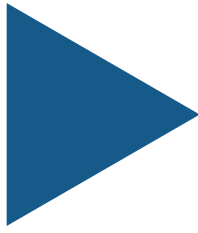


# SPECIFICATIONS

Item	Name	J-YM 2.0
Thermal	Pixel Pitch	12 μm
	Resolution	640 x 512
	Frame Rate	50 Hz
	Display(OLED)	1024 x 768
Optical	Focal Length F1.0	26.7 mm
	FOV	16.3° × 12.3°
	Optical Magnification	1 x
	Diopter Adjustment	-5°~+2°
	EYE Relief	>20mm
Display Mode	white-hot, black-hot, iron-hot, green-hot, red-hot, outline	
Functional Parameters	digital zoom	1 - 6 x
	Electronic Compass	azimuth, pitch, roll
	Wi-Fi	support
	Video/Image Capture	support
Power Parameters	Battery	1 × 18650 (3.7V)
	Max. Battery Capacity(w/o Wi-Fi)	> 10h
Identification Distance	Identification Distance(human)	630m
	Detection Distance(human)	1800m
Weight & Volume	Weight(wv/o battery)	≤300g
	Volume(mm)	113×70×48mm
Use Method	handheld, head-mounted, rifle scope, clip-on	
Environmental Requirements	Encapsulation	IP67
	Operation Temperature	-20°C - 50°C
External Interface	Type-C	Power supply, serial port, analog video output
Necessary Accessories	Cables(USB20&BNC)Helmet support, well-matched supportCarrying BagUser ManualCleaning Cloth	

# OPERATING DISTANCE





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FOR MORE INFORMATION: [contact@c4icommunication.com](mailto:contact@c4icommunication.com) or +1 (302).981.1340