

Specification

Parameter		Model	DS-2TR03-50UM/W
			Thermal Scope
Thermal Module	Image Sensor		Uncooled Focal Plane Arrays
	Max. Resolution		384*288, 17um
	Response Waveband		8~14um
	NETD		< 40mk(@25 °C, F#=1.0)
	Lens (focal length)		50mm (support manual focus)
	I FOV		0.34mrad
	Field of View		7.4°×5.6°
	F Number		F1.0
Image Display	Monitor		0.39-inch, OLED, 1024 ×768
	Palettes		Black hot, white hot, red hot
	Ocular Exit Pupil Distance		30 mm
System	Digital Zoom		2X, 4X
	Crosshair		Support
	WIFI		Support
	Distance Measurement		Support
	GPS		Support
	Video Recording		Support
	Picture Snapshot		Support
	Contrast Adjustment		Support
	Brightness Adjustment		Support
	Uniformity Correction		Support shutterless technology
	Storage		Built-in Micro SD memory module (Max 16GB)
Power Supply	Battery		Two 18650 batteries, require 5h to be full charged
	Power Consumption		≤2.1W
	Battery Operating Time		≥8h
	Anti-reverse battery connection		Support
	Overvoltage Protection		Support
	Battery Capacity Display		Support
General	Mounting		Picatinny rail system
	Port		USB, analog video output
	Working Temperature		-30°C ~55°C (-22°F ~ 131°F)
	Protection Level		IP67
	Shock Absorption Design		Support
	Prevent Ocular Light Leak		Support
	Vibration & Shock		MIL-STD-810F
	Electrostatic Protection		15KV
	Dimension (L x W x H)		244mm x 65mm x 95mm (9.61" x 2.56" x 3.74")
Weight		< 0.8kg	