

DS-2TR03-35UM/W Thermal Scope



Hikvision DS-2TR03-35UM/W Thermal Scope has 384×288 thermal detector and 1024×768 OLED monitor, which provides clear image under harsh environment conditions like darkness, fog, smoke, dust, rain, snow, wood, camouflage, etc. The shutterless technology avoids the risk of target losing and self-exposure which was caused by shutter. These all make great efforts to better observe target situation and fight against crimes.

Key Features

- 384*288 thermal resolution, high sensitivity detector, NETD < 40mk (@25°C,F#=1.0)
- Adopt shutterless technology
- Leading image processing technology: Adaptive AGC, DDE, 3D DNR
- 1024*768 resolution 0.39-inch OLED display
- Support distance measurement, GPS and WIFI hotspot function
- Support video recording and snapshot, build in Micro SD memory module (Max 16GB)
- Support digital zoom and crosshair function, palettes of color adjustable
- Over 8 hours battery operating time



Specification

Parameter		Model	DS-2TR03-35UM/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)	35mm	
	IFOV	0.49mrad	
	Field of View	10.0°×7.5°	
	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 (-22F ~ 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)	225mm x 65mm x 95mm (8.86" x 2.56" x 3.74")	
Weight	< 0.8kg		

Wide Range Coverage for Different Specifications

Note: The table below is only for reference, the performance varies from model to model, and the specific data is based on 17 μm pixel space-between.

Detection Range (Vehicles: 1.4×4.0m)	Detection Range (Humans: 1.8×0.5m)	Recognition Range (Vehicles: 1.4×4.0m)	Recognition Range (Humans: 1.8×0.5m)	Identification Range (Vehicles: 1.4×4.0m)	Identification Range (Humans: 1.8×0.5m)
3157m	1029m	789m	257m	395m	129m

Order Models

DS-2TR03-35UM/W

Distributed by



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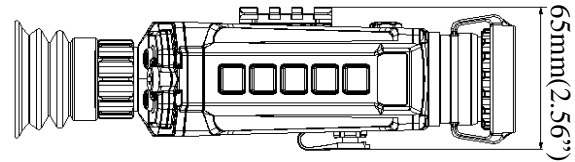
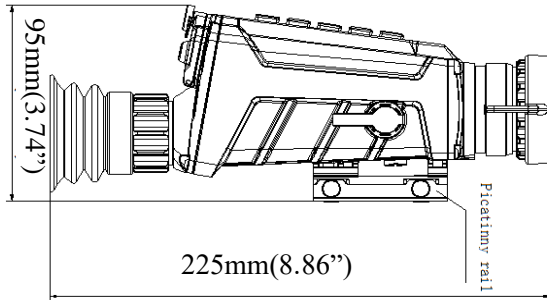
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Dimensions



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