

## DS-2TP21-6AVF/W

Thermographic Handheld Camera



The thermographic handheld camera, specially designed for temperature measurement in transformer substation. The 3.5-inch touch screen displays picture in picture of optical and thermal view, fusion of both channels. It helps you quickly find the fault according to accurate temperature measurement of high temperature targets in the environment.

### Key Feature

- 160 × 120 resolution (thermal), and 8 MP resolution (optical)
- DDE, 3D DNR, and adaptive AGC
- 640 × 480 resolution 3.5" LCD touch display
- Up to five hours continuous running

### Function

#### Thermography

Device detects the real-time temperature, and display it on the screen.

#### Storage

Device is equipped with built-in memory module to store recorded videos, captured snapshots, and important data.

#### Fusion

Device can display fusion of thermal view and optical view.

#### Palette and Alarm

Device supports multiple palettes, and you can set the palette mode according to the alarm function

#### LED Light

LED light supplement makes the device a torch in required scenarios.

#### Laser Light Supplement

Long-distance laser light supplement to point the thermography target.



## Specification

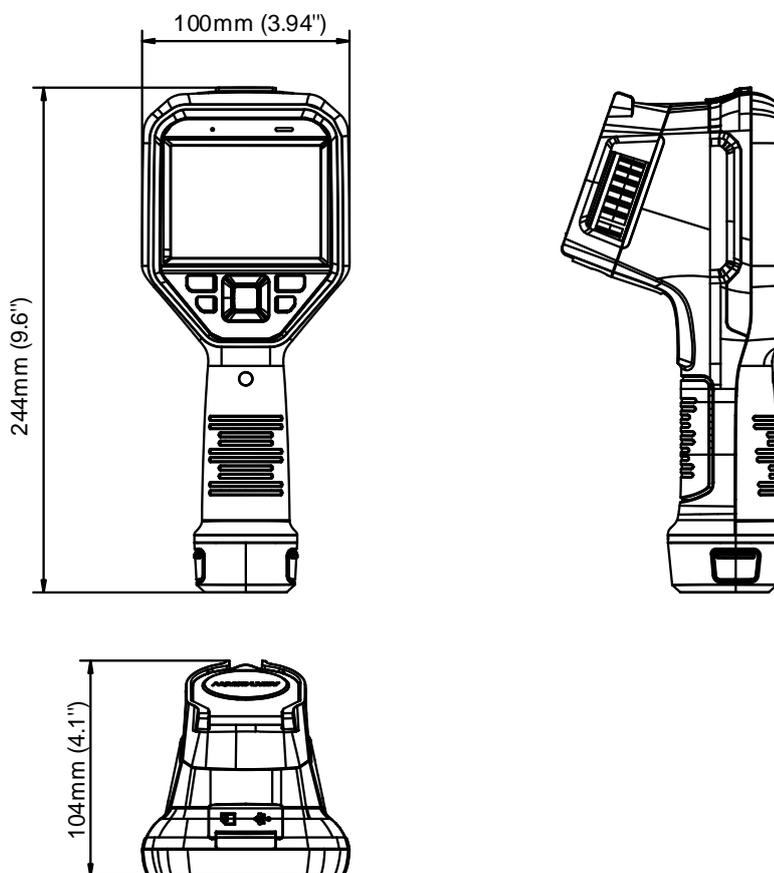
		Model	DS-2TP21-6AVF/W
Parameter		Thermographic Handheld Camera	
Thermal Module	Image sensor	Uncooled Focal Plane Arrays	
	Resolution	25Hz: 160 × 120	
	Pixel Pitch	17μm	
	Response waveband	8μm to 14μm	
	NETD	< 40 mk (@ 25 °C,F#=1.0)	
	Field of View	25° × 18.7°	
	Focal length	6.2 mm (Manual focus)	
	IFOV	2.74 mrad	
Optical Module	Aperture	F 1.1	
	Picture Resolution	Configurable: 2 MP, 5 MP, 8 MP	
	Video Resolution	640 × 480	
	Monitor	640 × 480 resolution 3.5'' LCD touch display	
Image Display	Palettes	Black hot, White hot, Red hot, Rainbow, Ironbow, Fusion, Rain	
	Digital Zoom	Thermal: 1×, 2×, 4×	
	Thermal / Optical	Thermal/Optical/Fusion image/Picture in picture	
	Picture in Picture	Support Thermal View in Optical View	
	Fusion	Support (Thermal View and Optical View Combined)	
	Record Video	Support on-board video recording	
Thermography	Rules	Max. Temperature; Min. Temperature; Center Temperature; Custom Point/Line/Area Thermography	
	Range	-20 °C to 550 °C (-4 °F to 1022 °F)	
	Accuracy	Max (±2 °C, ±2%)	
Battery	Battery Type	Dismountable and rechargeable Li-ion Battery	
	Battery Operating Time	5 hours in normal temperature, with Wi-Fi, Bluetooth, and supplement light off. 4 hours in normal temperature, with Wi-Fi, Bluetooth, and supplement light on.	
Functions	Laser Light	Support (Point to the thermography target)	
	Storage	Built-in memory module (16 G)	
	Photo	Thermal/Optical/Fusion image	
	Video	Thermal/Optical/Fusion image	
	Lighting	Support	
	Wi-Fi	Support	
	Text Comment	Support	
	Voice Comment	Support	
General	Language	English	
	Power	5 VDC/2 A	
	Power Consumption	Max. 4.5 W	
	Hardware Interface	Type-C Interface	
	Working Temperature	-10 °C to 50 °C (14 °F to 122 °F)	

Protection level	IP54
Drop Test Height	2 m (6.56 feet)
Dimension	244 mm × 100 mm × 104 mm (9.6 " × 3.9 " × 4.1 ")
Weight	With Battery: 653 g (1.44 lb) Without Battery: 511 g (1.13 lb)

### Available Model

DS-2TP21-6AVF/W

### Dimension



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