

# DS-2TP21B-6AVF

**Temperature Screening Handheld Thermography Camera** 













The temperature handheld thermography camera, specially designed for surface temperature measurement. 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 exception according to accurate temperature measurement of high temperature targets in the environment.

Note that the device is not for medical use.

#### **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**

#### Alarm

Device supports audio alarm if temperature is higher than the setting value.

### **Real-time Preview**

Device supports connecting to PC by USB cable for real-time preview.

# **Temperature Measurement**

Device supports detecting highest temperature of the scene, and alarm will be triggered if the detected temperature exceeds the alarm threshold in setting area.

## Multilanguage

Device supports 19 languages.





# Specification

Model		DS-2TP21B-6AVF
Parameter		Temperature Screening Handheld Thermography Camera
	Image sensor	Uncooled Focal Plane Arrays
	Resolution	25Hz: 160 × 120
	Pixel Pitch	17 μm
	Response waveband	8 μm to 14 μm
Thermal Module	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
	Aperture	F 1.1
Optical Module Image Display	Picture Resolution	Configurable: 2 MP, 5 MP, 8 MP
	Video Resolution	640 × 480
	Screen	640 × 480 resolution 3.5" LCD touch 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	30 °C to 45 °C
	Accuracy	±0.5 °C
Battery	Battery Type	Dismountable and rechargeable Li-ion Battery
	Battery Operating Time	5 hours @25 °C
Function	Photo	Thermal/Optical/Fusion image
	Video	Thermal/Optical/Fusion image
	Text Comment	Support
	Voice Comment	Support
	Storage	Replaceable memory card (default 16 G, support up to 128 G storage)
General	Language	English, Russian, Hungarian, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Turkish, Korean, Traditional Chinese, Japanese, Arabic
	Power	5 VDC/2 A
	Power Consumption	Max. 4.5 W
	Hardware Interface	Type-C Interface
	Working Temperature	10 °C to 35 °C
	and the second of	
	Protection level	IP54
		IP54 2 m (6.56 feet)



Weight

With Battery: 660 g (1.45 lb) Without Battery: 511 g (1.13 lb)

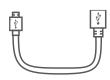
**Available Model** DS-2TP21B-6AVF



# Accessory









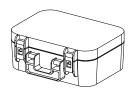
**Quick Start Guide** 

(×1)

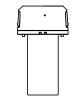
Adapter (x4)

USB Cable (x1)

Power Adapter (x1)





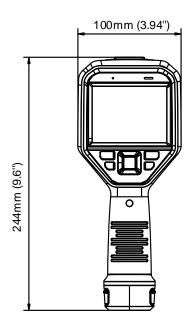


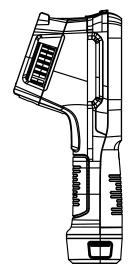
Box (×1)

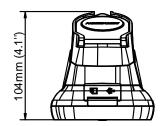
Wrist Strap (x1)

Battery (x1)

# Dimension









COMPLIANCE NOTICE: The thermal series products might be subject to export controls in various countries or regions, including without limitation, the United States, European Union, United Kingdom and/or other member countries of the Wassenaar Arrangement. Please consult your professional legal or compliance expert or local government authorities for any necessary export license requirements if you intend to transfer, export, re-export the thermal series products between different countries.





Distributed by



### Headquarters

No.555 Qianmo Road, Binjiang District, Hangzhou 310051, China T +86-571-8807-5998 overseasbusiness@hikvision.com

Hikvision USA T+1-909-895-0400 sales.usa@hikvision.com

Hikvision Australia T +61-2-8599-4233 salesau@hikvision.com

Hikvision India T+91-22-28469900 sales@pramahikvision.com

Hikvision Canada T+1-866-200-6690 sales.canada@hikvision.com

Hikvision Thailand T +662-275-9949 sales.thailand@hikvision.com Hikvision Europe T +31-23-5542770 sales.eu@hikvision.com

Hikvision Italy T +39-0438-6902 info.it@hikvision.com

Hikvision Brazil T +55 11 3318-0050 Latam.support@hikvision.com

Hikvision Turkey T +90 [216]521 7070- 7074 sales.tr@hikvision.com

Hikvision Malaysia T+601-7652-2413 sales.my@hikvision.com Hikvision UK & Ireland T +01628-902140 sales.uk@hikvision.com

Hikvision South Africa Tel: +27 (10) 0351172 sale.africa@hikvision.com

Hikvision France T +33(0)1-85-330-450 info.fr@hikvision.com

Hikvision Kazakhstan T +7-727-9730667 nikia.panfilov@hikvision.ru

Hikvision Vietnam T +84-974270888 sales.vt@hikvision.com Hikvision UAE T +971-4-4432090 salesme@hikvision.com

Hikvision Singapore T +65-6684-4718 sg@hikvision.com

Hikvision Spain T +34-91-737-16-55 info.es@hikvision.com

Hikvision Tashkent T +99-87-1238-9438 uzb@hikvision.ru

Hikvision Hong Kong T +852-2151-1761 info.hk@hikvision.com Hikvision Russia T +7-495-669-67-99 saleru@hikvision.com

Hikvision Korea T +82-{0}31-731-8817 sales.korea@hikvision.com

Hikvision Poland T +48-22-460-01-50 info.pl@hikvision.com

Hikvision Indonesia T +62-21-2933759 Sales.Indonesia@hikvision.com

Hikvision Colombia sales.colombia@hikvision.com