



# HTP21B-6AVF-W



## FEATURES

### Thermographic Handheld Camera

- 160 × 120 Resolution (Thermal), and 8 MP Resolution (Optical)
- Thermographic Accuracy up to  $\pm 0.9^{\circ}\text{ F}$  ( $\pm 0.5^{\circ}\text{ C}$ ) at 4.92 ft to 8.2 ft (1.5 m to 2.5 m)
- Display Fusion of Thermal View and Optical View
- 640 × 480 Resolution 3.5" LCD Touch Display
- Supports Live View on PC, Mobile Device, or External Monitor
- Supports Audio Intercom
- Supports Color Highlight Alarm and Audio Alarm

Thermal Module	
Image Sensor	Un-cooled focal plane arrays
Resolution	25 Hz: 160 × 120
Pixel Pitch	17 μm
Response Waveband	8 μm to 14 μm
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	
Picture Resolution	Configurable: 2 MP, 5 MP, 8 MP
Video Resolution	640 × 480
Monitor	640 × 480 resolution 3.5" LCD touch display
Palettes	Black hot, white hot, red hot, rainbow, ironbow, fusion, rain
Image Display	
Digital Zoom	Thermal: 1x, 2x, 4x
Thermal / Optical	Thermal/optical/fusion image/picture-in-picture
Picture-in-Picture	Supports thermal view in optical view
Fusion	Supports thermal view and optical view combined
Record Video	Supports on-board video recording
Thermography	
Rules	Maximum temperature; minimum temperature; center temperature; custom point/line/area thermography
Accuracy	±0.9° F (±0.5° C) at 4.92 ft to 8.2 ft (1.5 m to 2.5 m)
Battery	
Battery Type	Removable 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
Storage	Built-in memory module (16 GB)
Wifi	Supported
General	
Power	5 VDC/2 A
Power Consumption	Maximum 4.5 W
Hardware Interface	USB Type-C interface
Working Temperature	50° to 95° F (10° to 35° C) indoor and windless environment use only
Protection Level	IP54
Dimension	9.6" × 3.9" × 4.1" (244 mm × 100 mm × 104 mm)
Weight	With battery: 1.44 lb (653 g) Without battery: 1.13 lb (511 g)