

PocketE Pocket Thermal Camera



HIKMICRO Pocket Series has a high-resolution HIKMICRO VOx detector, an 0.3 MP optical camera, and a 3.5" LCD touch screen. It helps you quickly and efficiently locate hidden problems and accurately measure abnormal temperatures. The wide temperature range of -20°C to 350°C is ideal for building inspection, HVAC, electrical, and mechanical equipment maintenance. The 25 Hz frame rate keeps up with fast inspection, and the Wi-Fi function allows the Pocket to share images in real-time. The Pocket Series is a powerful thermography tool in your pocket, so it is always there whenever you need it.

## **Key Feature**

- Thermal resolution: 96 × 96 (9,216 pixels), NETD: < 50 mK (@ 25°C, F# = 1.0)
- SuperIR: 240 × 240 (57,600 pixels)
- Accurately measure temperature from -20°C to 350°C (-4°F to 662°F)
- 112 : 1 Distance to spot ratio (D : S)
- Accuracy: Max. (± 2°C/3.6°F, ± 2%)
- 25 Hz image frequency
- Thermal, Fusion, PIP, Visual, and Blending modes
- Manual, automatic, and 1-Tap level and span
- High temperature alarm
- Built-in 4 GB memory
- LED work light
- 1.0× to 4.0× continuous digital zoom
- 0.3 MP visual camera
- Up to 4 hours continuous running

## Specification

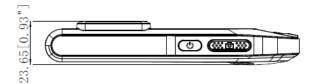
IR Resolution96 × 96 (9,216 pixels)SuperIR20 × 240 (57,600 pixels)Distance to Spot Ratio (D : S)12 : 1INTO< 50 mK (@ 25°C, FH = 1.0)Image Frequency25 HzDetector Pitch12 µmSpectral Range7.5 µm to 14 µmFocal Length135 mol 14Fold Offwer (FOV)50° × 50° Gall Call Call Call Call Call Call Call	Infrared Image	
Distance to Spot Ratio (D: S)112 : 1NETD< 50 mK (@ 25°C, F# = 1.0)	IR Resolution	96 × 96 (9,216 pixels)
NETD< 50 mK (@ 25°C, F# = 1.0)Image Frequency25 HzDetector Pitch12 µmSpectral Range7.5 µm to 14 µmFocal Length1.35 mmFocal Length50° × 50°Spatial Resolution (IFOV)50° × 50°Spatial Resolution (IFOV)8.89 mradMin. Focus Distance0.1 m (0.33 ft)Focus ModeFocus FreeImage Display320 × 240 Resolution, 3.5° LCD Touch ScreenDisplay320 × 240 Resolution, 3.5° LCD Touch ScreenDiglay320 × 240 Resolution, 3.5° LCD Touch ScreenColor PalettesManualDiglay Common1.0× to 4.0× continuousColor PalettesWhite Hot, Black Hot, Rainbow, Ironbow, Red Hot, Fusion, Rain, Blue RedImage ModesThermal/Visual/Fusion/PIP/BlendingMesurement and Analysi-0°C' to 350°C (-4°F to 662°F )Object Temperature Range-0°C' to 350°C (-4°F to 662°F s)Mesurement ToolsCenter Spot, Hot Spot, Cold SpotLevel and Span ModeAuto/Manual/1-Tap Touch-screenData Storage AdocumuicationAuto/Manual/1-Tap Touch-screenStorage AdocamuicationVicice note: max. 60 seconds; Text note: max. 200 charactersVideo Storage CapacityAprox. 20 hoursVideo Storage CapacityAprox. 20 hoursVideo Storage CapacityAprox. 20 hoursVideo Storage CapacityAprox. 20 hoursVideo Storage CapacityAprox. 20 ho	SuperIR	240 × 240 (57,600 pixels)
Image Frequency25 HzDetector Pitch12 µmSpectral Range7.5 µm to 14 µmFocal Length1.35 mmFocal Length1.35 mmField of View (FOV)50° x 50°Spatial Resolution (IFOV)8.89 mradFin.orber0.1 m (0.33 ft)Focus Distance0.1 m (0.33 ft)Focus Distance640 x 480 (0.3 MP)Displop200 x 240 Resolution, 3.5° LCD Touch ScreenStreen BrightnessManualDigital Zoom1.0x to 4.0x continuousColor PalettesWhite Hot, Black Hot, Rainbow, Ironbow, Red Hot, Fusion, Rain, Blue RedImage Digital Zoom1.0x to 4.0x continuousColor PalettesWhite Hot, Black Hot, Rainbow, Ironbow, Red Hot, Fusion, Rain, Blue RedImage ModesThermat/Visual/Fusion/PIP/BlendingMesurement and AnalysisMax. (22°C/3.6°F, 4.2%) at ambient temperature 25°C (77°F) and object temperature above 0°C (32°F)Measurement ToolsCenter Spot, Hot Spot, Cold SpotLevel and Span ModeBult-In 4 GB flash memoryImage Storage CapacityApprox. 30,000 ImagesAnnotationsVoice note: max. 60 seconds; Text note: max. 200 charactersVice Storage CapacityApprox. 30,000 ImagesVice Forte: max. 200 charactersStorage CapacityWi-FiMos. 21.1 b/g/n (2.4 GHz)USB InterfaceUSB Type-CUSB InterfaceUSB Type-CBattery TypeResharesbel Li-ino battery	Distance to Spot Ratio (D : S)	112 : 1
Detector Pitch12 μmSpectral Range7.5 μm to 14 μmFocal Length1.35 mmFocal Length1.35 mmFiled of View (FOV)50° × 50°Spatial Resolution (IFOV)8.89 mradMin. Focus Distance0.1 m (0.33 ft)Focus ModeFocus FreeImage Display200 × 240 Resolution, 3.5° LCD Touch ScreenStreen BrightnessManualDigital Zoom1.0× to 4.0× continuousColor PalettesWhite Hot, Black Hot, Rainbow, Ironbow, Red Hot, Fusion, Rain, Blue RedMage ModesThermal/Visual/Fusion/PIP/BlendingMeasurement and Analysis20° C (32°F)Measurement ToolsCenter Spot, Hot Spot, Cold SpotLevel and Span ModeAuto/Manual/1-Tap Touch-screenData Storage AngelVoice note: max. 60 seconds; Text note: max. 60 seconds; <br< td=""><td>NETD</td><td>&lt; 50 mK (@ 25°C, F# = 1.0)</td></br<>	NETD	< 50 mK (@ 25°C, F# = 1.0)
Spectral Range7.5 µm to 14 µmFocal Length1.35 mmFocal Length1.35 mmFnumberF1.0Field of View (FOV)50° x 50°Spatial Resolution (IFOV)8.89 mradMin. Focus Distance0.1 m (0.33 ft)Focus ModeFocus FreeImage Display500 x 240 Resolution, 3.5° LCD Touch ScreenStreen BrightnessManualDigtal Zoom1.0× to 4.0× continuousColor PalettesWhite Hot, Black Hot, Rainbow, Ironbow, Red Hot, Fusion, Rain, Blue RedManualToural/Visual/Fusion/PIP/BendingMeasurement and Analysis20° Ct 0 350°C (-4°F to 662°F )Object Temperature Range-20°C to 350°C (-4°F to 662°F )Measurement nolsCenter Spot, Hot Spot, Cold SpotLevel and Span ModeAuto/Manual/1-Tap Touch-screenData Storage AdcommunicationVice note: max. 60 seconds; Taxt note: max. 60 seconds; Taxt note: max. 60 seconds; Taxt note: max. 60 seconds; Taxt note: max. 200 charactersVideo Storage CapacityApprox. 200 hoursVideo File FormatM92 videoUser FortSublaractionVideo Storage CapacityApprox. 200 hoursVideo File FormatB02.11 h/g/n (2.4 GHz)USB InterfaceUSB Type-CLED LightYesBattery TypeRechargeable Li-ion battery	Image Frequency	25 Hz
Focal Length1.35 mmFnumberF1.0Field of View (FOV)50° × 50°Spatial Resolution (IFOV)8.89 mradMin. Focus Distance0.1 m (0.33 ft)Focus ModeFoce FoceImage Display320 × 240 Resolution, 3.5° LCD Touch ScreenVisual Camera640 × 480 (0.3 MP)Display320 × 240 Resolution, 3.5° LCD Touch ScreenScreen BrightnessManualDigital Zoom1.0× to 4.0× continuousColor PalettesWhite Hot, Black Hot, Rainbow, Ironbow, Red Hot, Fusion, Rain, Blue RedImage ModesThermal/Visual/Fusion/PIP/BlendingMeasurement and Analysis20° C to 350°C (-4°F to 662°F )AccuracyAccuracyAccuracyMeasurement ToolsCenter Spot, Hot Spot, Cold SpotLevel and Span ModeAuto/Manual/1-Tap Touch-screenData Storage Ad CommunicationYolice note: max. 60 seconds; Text note:	Detector Pitch	12 μm
F-numberF1.0Flud of View (FOV)50° × 50°Spatial Resolution (IFOV)8.89 mradMin. Focus Distance0.1 m (0.33 ft)Focus ModeFocus FreeImage Display500 × 240 Resolution, 3.5" LCD Touch ScreenVisual Camera640 × 480 (0.3 MP)Display320 × 240 Resolution, 3.5" LCD Touch ScreenScreen BrightnessManualDigital Zoom1.0 × to 4.0 × continuousColor PalettesWhite Hot, Black Hot, Rainbow, Ironbow, Red Hot, Fusion, Rain, Blue RedImage Modes-20°C to 350°C (-4°F to 662°F )Measurement and Analysis-20°C to 350°C (-4°F to 662°F )Object Temperature Range-20°C to 350°C (-4°F to 662°F )AccuracyMax. (±2°C/3.6°F, ±2%) at ambient temperature 25°C (77°F) and object temperature above 0°C (32°F)Measurement ToolsCenter Spot, Hot Spot, Cold SpotLevel and Span ModeAuto/Manual/1-Tap Touch-screenData Storage CapacityApprox. 30,000 ImagesImage Storage CapacityApprox. 20 ohursVideo Storage CapacityApprox. 20 ohursVideo Storage CapacityApprox. 20 ohursVideo Storage CapacitySon 20.11b/g/n (2.4 GH2)USB InterfaceUSB Type-CLED LightYesBattery TypeRechargeable Li-ion battery	Spectral Range	7.5 μm to 14 μm
Field of View (FOV)50° × 50°Spatial Resolution (IFOV)8.89 mradMin. Focus Distance0.1 m (0.33 ft)Focus ModeFocus FreeImage Display500 × 500 (0.3 MP)Display320 × 240 Resolution, 3.5° LCD Touch ScreenScreen BrightnessManualDigital Zoom1.0× to 4.0× continuousColor PalettesWhite Hot, Black Hot, Rainbow, Ironbow, Red Hot, Fusion, Rain, Blue RedImage ModesThermal/Visual/Fusion/PIP/BlendingMascuerment and Analysis-0°C to 350°C (-4°F to 662°F )Color Spature Range-0°C to 350°C (-4°F to 662°F )Measurement ToolsCenter Spot, Hot Spot, Cold SpotLevel and Span ModeBuilt-in 4 GB flash memoryImage Storage CapacityApprox. 30,000 ImagesAnotationsVice note: max. 60 seconds; Text note: max. 200 charactersVideo Storage CapacityApprox. 20 hoursVideo Itle Format50.211 hg/n (2.4 GHz)Uise InterfaceUS1 hype-CLise LightYesBattery TypeRechargeabel Li-ion battery	Focal Length	1.35 mm
Spatial Resolution (IFOV)8.89 mradMin. Focus Distance0.1 m (0.33 ft)Focus ModeFocus FreeImage DisplayFocus FreeVisual Camera640 × 480 (0.3 MP)Display320 × 240 Resolution, 3.5" LCD Touch ScreenDighal Zoma1.0× to 4.0× continuousColor PalettesWhite Hot, Black Hot, Rainbow, Ironbow, Red Hot, Fusion, Rain, Blue RedImage Modes-20°C to 350°C (-4°F to 662°F )MasuHermal/Visual/Fusion/PIP/BlendingAccuracyMax. (±2°C/3.6°F, ±2%) at ambient temperature 25°C (77°F) and object temperature above 0°C (32°F)Measurement ToolsCenter Spot, Hot Spot, Cold SpotLevel and Span ModeMolt-Manu/1-Tap Touch-screenData Storage Add CommunicationVicie note: max. 60 seconds; Text note: max. 200 charactersVideo File FormatApprox. 20 hoursVideo File Format802.11 b/g/n (2.4 GHz)Wite Hot, Black Hot, Rainbe, Spot, Cold SpotLideo File Format80.21 b/g/n (2.4 GHz)Lideo File Format50.21 b/g/n (2.4 GHz)	F-number	F1.0
Min. Focus Distance0.1 m (0.33 ft)Focus ModeFocus FreeImage DisplayFocus AGM (0.3 MP)Uisual Camera640 × 480 (0.3 MP)Display320 × 240 Resolution, 3.5" LCD Touch ScreenScreen BrightnessManualObjetal Zoom1.0× to 4.0× continuousColor PalettesWhite Hot, Black Hot, Rainbow, Ironbow, Red Hot, Fusion, Rain, Blue RedImage ModesThermal/Visual/Fusion/PIP/BlendingObject Temperature Range-20°C to 350°C (-4°F to 662°F )AccuracyMax. (±2°C/3.6°F, ±2%) at ambient temperature 25°C (77°F) and object temperature above 0°C (32°F)Measurement ToolsCenter Spot, Hot Spot, Cold SpotLevel and Span ModeAuto/Manual/1-Tap Touch-screenDat Storage AndomunicationVoice note: max. 60 seconds; Text note: max. 200 charactersVideo Storage CapacityApprox. 30,000 ImagesVideo Storage CapacityApprox. 20 hoursVideo Storage CapacityApprox. 20 hoursVideo Storage CapacityMav (20 hoursVideo Storage CapacityMay Storage CapacityWi-FiS02.11 b/g/n (2.4 GH2)USB InterfaceUSB Type-CLED LightYesBattery TypeStorage Biel Li-ion battery	Field of View (FOV)	50° × 50°
Focus ModeFocus FreeImage Display640 × 480 (0.3 MP)Display320 × 240 Resolution, 3.5" LCD Touch ScreenScreen BrightnessManualDigital Zoom1.0× to 4.0× continuousColor PalettesWhite Hot, Black Hot, Rainbow, Ironbow, Red Hot, Fusion, Rain, Blue RedImage ModesThermal/Visual/Fusion/PIP/BlendingMeasurement and Analysis20°C to 350°C (-4°F to 662°F )Object Temperature Range-20°C to 350°C (-4°F to 662°F )AccuracyMax. (±2°C/3.6°F, ±2%) at ambient temperature 25°C (77°F) and object temperature above 0°C (32°F)Measurement ToolsCenter Spot, Hot Spot, Cold SpotLevel and Span ModeAuto/Manual/1-Tap Touch-screenData Storage And CommunicationYoice note: max. 60 seconds; Text note: max. 60 seconds; Text note: max. 200 charactersVideo Storage CapacityApprox. 30,000 ImagesVideo File FormatMPA videoGeneralWide Video File FormatWi-Fi802.11 b/g/n (2.4 GHz)USB InterfaceUSB Type-CLED LightYesBattery TypeRechargeable Li-ion battery	Spatial Resolution (IFOV)	8.89 mrad
Image Display640 × 480 (0.3 MP)Display320 × 240 Resolution, 3.5" LCD Touch ScreenScreen BrightnessManualDigital Zoom1.0× to 4.0× continuousColor PalettesWhite Hot, Black Hot, Rainbow, Ironbow, Red Hot, Fusion, Rain, Blue RedImage ModesThermal/Visual/Fusion/PIP/BlendingMeasurement and Analysis-20°C to 350°C (-4°F to 662°F )Object Temperature Range-20°C to 350°C (-4°F to 662°F )AccuracyMax. (±2°C/3.6°F, ±2%) at ambient temperature 25°C (77°F) and object temperature above 0°C (32°F)Measurement ToolsCenter Spot, Hot Spot, Cold SpotLevel and Span ModeAuto/Manual/1-Tap Touch-screenData Storage And CommunicationVoice note: max. 60 seconds; Text note: max. 200 charactersVideo Sile FormatMprox. 30.000 ImagesAnnotationsVoice note: max. 60 seconds; Text note: max. 200 charactersVideo File FormatMeV videoMevideoMevideoUsit Fir AugeS0.11 b/g/n (2.4 GHz)USB InterfaceUSB Type-CLED LightYesBattery TypeRechargeable Li-ion battery	Min. Focus Distance	0.1 m (0.33 ft)
Visial Camera640 × 480 (0.3 MP)Display320 × 240 Resolution, 3.5" LCD Touch ScreenScreen BrightnessManualDigital Zoom1.0× to 4.0× continuousColor PalettesWhite Hot, Black Hot, Rainbow, Ironbow, Red Hot, Fusion, Rain, Blue RedImage ModesThermal/Visual/Fusion/PIP/BlendingMeasurement and Analysis-20°C to 350°C (-4°F to 662°F )Object Temperature Range-20°C to 350°C (-4°F to 662°F )AccuracyMax. (±2°C/3.6°F, ±2%) at ambient temperature 25°C (77°F) and object temperature above 0°C (32°F)Measurement ToolsCenter Spot, Hot Spot, Cold SpotLevel and Span ModeAuto/Manual/1-Tap Touch-screenData Storage And CommunicationVoice note: max. 60 seconds; Text note: max. 200 charactersVideo Storage CapacityApprox. 20 hoursVideo Storage CapacityApprox. 20 hoursViefe FormatMP4 videoWi-Fi802.11 b/g/n (2.4 GHz)USB InterfaceUSB Type-CLED LightYesBattery TypeRechargeable Li-ion battery	Focus Mode	Focus Free
Display320 × 240 Resolution, 3.5" LCD Touch ScreenScreen BrightnessManualDigital Zoom1.0× to 4.0× continuousColor PalettesWhite Hot, Black Hot, Rainbow, Ironbow, Red Hot, Fusion, Rain, Blue RedImage ModesThermal/Visual/Fusion/PIP/BlendingMeasurement and Analysis20°C to 350°C (-4°F to 662°F )Object Temperature Range-20°C to 350°C (-4°F to 662°F )AccuracyMax. (±2°C/3.6°F, ±2%) at ambient temperature 25°C (77°F) and object temperature above 0°C (32°F)Measurement ToolsCenter Spot, Hot Spot, Cold SpotLevel and Span ModeAuto/Manual/1-Tap Touch-screenData Storage And CommunicationVoice note: max. 60 seconds; Text note: max. 200 charactersVideo Storage CapacityApprox. 20 hoursVideo Storage CapacityApprox. 20 hoursVideo Storage CapacityApprox. 20 hoursVideo Storage CapacityMay UsidoVideo Storage CapacityApprox. 20 hoursVideo Storage CapacityMay One NagesVideo Storage CapacityApprox. 20 hoursVideo Storage CapacityApprox. 20 hoursVideo Storage CapacityMay One NagesVideo Storage CapacityApprox. 20 hoursVideo Storage CapacityMay One NagesVideo Storage CapacityApprox. 20 hoursVideo Storage CapacityMay One NagesVideo Storage CapacityMay One NagesVideo Storage CapacityMay One NagesVideo Storage CapacityMay One NagesStorage ModeMay One NagesStorage CapacityM	Image Display	
Screen BrightnessManualDigital Zoom1.0× to 4.0× continuousColor PalettesWhite Hot, Black Hot, Rainbow, Ironbow, Red Hot, Fusion, Rain, Blue RedImage ModesThermal/Visual/Fusion/PIP/BlendingMeasurement and AnalysisObject Temperature Range-20°C to 350°C (-4°F to 662°F )AccuracyMax. (±2°C/3.6°F, ±2%) at ambient temperature 25°C (77°F) and object temperature above 0°C (32°F)Measurement ToolsCenter Spot, Hot Spot, Cold SpotLevel and Span ModeAuto/Manual/1-Tap Touch-screenData Storage And CommunicatioYoice note: max. 60 seconds; Text note: max. 200 charactersVideo Storage CapacityApprox. 20 hoursVideo Storage CapacityApprox. 20 hoursVideo File FormatM24 videoGeneralUSB Type-CViFiS02.11 h/g/n (2.4 GHz)USB InterfaceUSB Type-CLED LightYesBattery TypeRechargeable Li-ion battery	Visual Camera	640 × 480 (0.3 MP)
Digital Zoom1.0× to 4.0× continuousColor PalettesWhite Hot, Black Hot, Rainbow, Ironbow, Red Hot, Fusion, Rain, Blue RedImage ModesThermal/Visual/Fusion/PIP/BlendingMeasurement and AnalysisObject Temperature Range-20°C to 350°C (-4°F to 662°F )AccuracyMax. (±2°C/3.6°F, ±2%) at ambient temperature 25°C (77°F) and object temperature above 0°C (32°F)Measurement ToolsCenter Spot, Hot Spot, Cold SpotLevel and Span ModeAuto/Manual/1-Tap Touch-screenData Storage and CommunicationVoice note: max. 60 seconds; Text note: max. 200 charactersVideo Storage CapacityApprox. 20 hoursVideo Storage CapacityApprox. 20 hoursVideo File Format802.11 b/g/n (2.4 GHz)Wi-Fi802.11 b/g/n (2.4 GHz)USB InterfaceUSB Type-CLED LightYesBattery TypeRechargeable Li-ion battery	Display	320 × 240 Resolution, 3.5" LCD Touch Screen
Color PalettesWhite Hot, Black Hot, Rainbow, Ironbow, Red Hot, Fusion, Rain, Blue RedImage ModesThermal/Visual/Fusion/PIP/BlendingMeasurement and AnalysisObject Temperature Range-20°C to 350°C (-4°F to 662°F )AccuracyMax. (±2°C/3.6°F, ±2%) at ambient temperature 25°C (77°F) and object temperature above 0°C (32°F)Measurement ToolsCenter Spot, Hot Spot, Cold SpotLevel and Span ModeAuto/Manual/1-Tap Touch-screenData Storage and CommunicationSuit/in 4 GB flash memoryStorage MediaBuilt-in 4 GB flash memoryImage Storage CapacityApprox.30,000 ImagesAnnotationsVoice note: max. 60 seconds; Text note: max. 200 charactersVideo Storage CapacityApprox.20 hoursVideo Storage CapacityMP4 videoWi-FiS02.11 b/g/n (2.4 GHz)USB InterfaceUSB Type-CLED LightYesBattery TypeRechargeabel Li-ion battery	Screen Brightness	Manual
Image ModesThermal/Visual/Fusion/PIP/BlendingMeasurement and AnalysisObject Temperature Range-20°C to 350°C (-4°F to 662°F )AccuracyMax. (±2°C/3.6°F, ±2%) at ambient temperature 25°C (77°F) and object temperature above 0°C (32°F)Measurement ToolsCenter Spot, Hot Spot, Cold SpotLevel and Span ModeAuto/Manual/1-Tap Touch-screenData Storage and CommunicationStorage And CommunicationStorage MediaBuilt-in 4 GB flash memoryImage Storage CapacityApprox. 30,000 ImagesAnnotationsVoice note: max. 60 seconds; Text note: max. 200 charactersVideo Storage CapacityApprox. 20 hoursVideo File Format802.11 b/g/n (2.4 GHz)Wi-FiS02.11 b/g/n (2.4 GHz)USB InterfaceUSB Type-CLED LightYesBattery TypeRechargeable Li-ion battery	Digital Zoom	1.0× to 4.0× continuous
Measurement and AnalysisObject Temperature Range-20°C to 350°C (-4°F to 662°F )AccuracyMax. (±2°C/3.6°F, ±2%) at ambient temperature 25°C (77°F) and object temperature above 0°C (32°F)Measurement ToolsCenter Spot, Hot Spot, Cold SpotLevel and Span ModeAuto/Manual/1-Tap Touch-screenData Storage and CommunicationStorage And CommunicationStorage MediaBuilt-in 4 GB flash memoryImage Storage CapacityApprox. 30,000 ImagesAnnotationsVoice note: max. 60 seconds; Text note: max. 200 charactersVideo Storage CapacityApprox. 20 hoursVideo File FormatMP4 videoGeneralS02.11 b/g/n (2.4 GHz)Wi-FiS02.11 b/g/n (2.4 GHz)LED LightYesBattery TypeRechargeabel Li-ion battery	Color Palettes	White Hot, Black Hot, Rainbow, Ironbow, Red Hot, Fusion, Rain, Blue Red
Object Temperature Range-20°C to 350°C (-4°F to 662°F )AccuracyMax. (±2°C/3.6°F, ±2%) at ambient temperature 25°C (77°F) and object temperature above 0°C (32°F)Measurement ToolsCenter Spot, Hot Spot, Cold SpotLevel and Span ModeAuto/Manual/1-Tap Touch-screenData Storage and CommunicationStorage MediaBuilt-in 4 GB flash memoryImage Storage CapacityApprox. 30,000 ImagesAnnotationsVoice note: max. 60 seconds; Text note: max. 200 charactersVideo Storage CapacityApprox. 20 hoursVideo File FormatMP4 videoGeneralUSI 1 b/g/n (2.4 GHz)Wi-Fi802.11 b/g/n (2.4 GHz)USB InterfaceUSB Type-CLiptightYesBattery TypeRechargeable Li-ion battery	Image Modes	Thermal/Visual/Fusion/PIP/Blending
AccuracyMax. (±2°C/3.6°F, ±2%) at ambient temperature 25°C (77°F) and object temperature above 0°C (32°F)Measurement ToolsCenter Spot, Hot Spot, Cold SpotLevel and Span ModeAuto/Manual/1-Tap Touch-screenData Storage and CommunicationStorage MediaStorage MediaBuilt-in 4 GB flash memoryImage Storage CapacityApprox. 30,000 ImagesAnnotationsVoice note: max. 60 seconds; Text note: max. 200 charactersVideo Storage CapacityApprox. 20 hoursVideo File FormatMP4 videoGeneralUSB InterfaceUSB InterfaceUSB Type-CLED LightYesBattery TypeRechargeable Li-ion battery	Measurement and Analysis	
Accuracyabove 0°C (32°F)Measurement ToolsCenter Spot, Hot Spot, Cold SpotLevel and Span ModeAuto/Manual/1-Tap Touch-screenData Storage and CommunicationTotage MediaBuilt-in 4 GB flash memoryImage Storage CapacityApprox. 30,000 ImagesAnnotationsVoice note: max. 60 seconds; Text note: max. 200 charactersVideo Storage CapacityApprox. 20 hoursVideo File FormatMP4 videoViFiS02.11 b/g/n (2.4 GHz)ViFiUSB Type-CLD LightYesBattery TypeRechargeabel Li-ion battery	Object Temperature Range	-20°C to 350°C (-4°F to 662°F )
Measurement ToolsCenter Spot, Hot Spot, Cold SpotLevel and Span ModeAuto/Manual/1-Tap Touch-screenData Storage and CommunicationData Storage MediaBuilt-in 4 GB flash memoryImage Storage CapacityApprox. 30,000 ImagesAnnotationsVice note: max. 60 seconds; Text note: max. 200 charactersVideo Storage CapacityApprox. 20 hoursVideo File FormatMP4 videoGeneralUSB Type-CUSB InterfaceUSB Type-CLED LightYesBattery TypeRechargeable Li-ion battery	Accuracy	
Level and Span ModeAuto/Manual/1-Tap Touch-screenData Storage and CommunicationStorage MediaBuilt-in 4 GB flash memoryImage Storage CapacityApprox. 30,000 ImagesAnnotationsVoice note: max. 60 seconds; Text note: max. 200 charactersVideo Storage CapacityApprox. 20 hoursVideo File FormatMP4 videoGeneralWi-Fi802.11 b/g/n (2.4 GHz)USB InterfaceUSB Type-CLED LightYesRetharge able Li-ion battery	Magazina ant Tala	
Data Storage and CommunicationStorage MediaBuilt-in 4 GB flash memoryImage Storage CapacityApprox. 30,000 ImagesAnnotationsVoice note: max. 60 seconds; Text note: max. 200 charactersVideo Storage CapacityApprox. 20 hoursVideo File FormatMP4 videoVoire File FormatS02.11 b/g/n (2.4 GHz)USB InterfaceUSB Type-CLED LightYesBattery TypeRechargeable Li-ion battery		
Storage MediaBuilt-in 4 GB flash memoryImage Storage CapacityApprox. 30,000 ImagesAnnotationsVoice note: max. 60 seconds; Text note: max. 200 charactersVideo Storage CapacityApprox. 20 hoursVideo File FormatMP4 videoGeneralVoice note: Max. 60 Seconds; Text note: max. 200 charactersWi-Fi802.11 b/g/n (2.4 GHz)USB InterfaceUSB Type-CLED LightYesBattery TypeRechargeable Li-ion battery		
Image Storage CapacityApprox. 30,000 ImagesAnnotationsVoice note: max. 60 seconds; Text note: max. 200 charactersVideo Storage CapacityApprox. 20 hoursVideo File FormatMP4 videoGeneralVi-Fi802.11 b/g/n (2.4 GHz)USB InterfaceUSB Type-CLED LightYesBattery TypeRechargeable Li-ion battery		
AnnotationsVoice note: max. 60 seconds; Text note: max. 200 charactersVideo Storage CapacityApprox. 20 hoursVideo File FormatMP4 videoGeneralWi-Fi802.11 b/g/n (2.4 GHz)USB InterfaceUSB Type-CLED LightYesBattery TypeRechargeable Li-ion battery		
AnnotationsText note: max. 200 charactersVideo Storage CapacityApprox. 20 hoursVideo File FormatMP4 videoGeneralWi-Fi802.11 b/g/n (2.4 GHz)USB InterfaceUSB Type-CLED LightYesBattery TypeRechargeable Li-ion battery		
Video Storage CapacityApprox. 20 hoursVideo File FormatMP4 videoGeneralWi-Fi802.11 b/g/n (2.4 GHz)USB InterfaceUSB Type-CLED LightYesBattery TypeRechargeable Li-ion battery	Annotations	
Video File FormatMP4 videoGeneralVi-Fi802.11 b/g/n (2.4 GHz)USB InterfaceUSB Type-CLED LightYesBattery TypeRechargeable Li-ion battery	Video Storage Capacity	
GeneralWi-Fi802.11 b/g/n (2.4 GHz)USB InterfaceUSB Type-CLED LightYesBattery TypeRechargeable Li-ion battery		
Wi-Fi802.11 b/g/n (2.4 GHz)USB InterfaceUSB Type-CLED LightYesBattery TypeRechargeable Li-ion battery		
LED Light Yes   Battery Type Rechargeable Li-ion battery		802.11 b/g/n (2.4 GHz)
Battery Type Rechargeable Li-ion battery	USB Interface	USB Type-C
Battery Type Rechargeable Li-ion battery		
		Rechargeable Li-ion battery
Battery Operating Time Approx. 4 hours		
Battery Charging Time Approx. 2.5 hours fully charged		
Protection Level IP54		
Drop Test Height 2 m (6.56 ft)		2 m (6.56 ft)
Working Temperature Range -10°C to 50°C (-4°F to 122°F)		

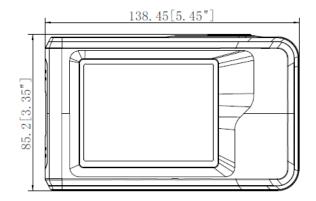
Storage Temperature Range	-20°C to 60°C (-4°F to 140°F)
Relative Humidity	< 95% non-condensing
Weight	Approx. 218 g (0.481 lb)
Dimension	138.45 mm × 85.2 mm × 23.6 mm (5.45" × 3.35" × 0.93")
Tripod Mounting	UNC ¼"-20

## **Available Model**

PocketE

## Dimension







Unit: mm[inch]

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.





🚯 HIKMICRO Thermography 👩 hikmicro\_thermography 🖸 HIKMICRO Thermography 🛅 HIKMICRO 🖂 info@hikmicrotech.com 🖵 http://hikmicrotech.com/en

© 2023 Hangzhou HIKMICRO Sensing Technology Co., Ltd. All Rights Reserved. Data subject to change without notice!