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B10 Handheld Thermal Camera



HIKMICRO B10 is designed for temperature measurement to find invisible faults. It's equipped with a 256 × 192 resolution HIKMICRO thermal detector and 2 MP optical detector. The thermography ranges from -20°C to 550°C (-4°F to 1022°F). Which meets most situation. It helps the staff to quickly find the fault according to accurate temperature measurement of high temperature targets in the environment. Meanwhile it provides assistant decision and ensure safety. The device is mainly applied to various industries, such as Building, HVAC, and auto industry, etc.

Key Feature

- Thermal resolution: 256 × 192 (49,152 pixels)
- NETD : < 40 mK (@ 25°C,F#=1.0)
- Temperature measurement range : -20°C to 550°C (-4°F to 1022°F)
- Accuracy: Max (± 2°C/3.6°F, ± 2%), for ambient temperature 15°C to 35°C (59°F to 95°F) and object temperature above 0°C (32°F)
- Measurement presets: Center spot, Hot spot, Cold spot, User Preset Point
- 25 Hz image frequency
- 3.2" LCD screen display
- Up to 6 hours continuous running

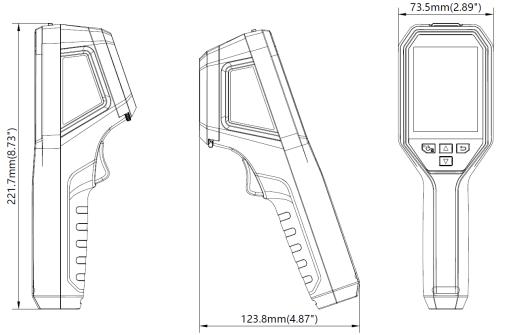
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USB InterfaceUSB Type-CLED LightYesBattery TypeRechargeable Li-ion batteryBattery Operating TimeApprox. 6 hoursBattery Charging TimeApprox. 3 hours fully chargedProtection LevelIP54Drop Test Height2 m (6.56 ft)Working Temperature Range-10°C to 50°C (14°F to 122°F)Storage Temperature Range-20°C to 60°C (-4°F to 140°F)Relative Humidity<95% non-condensing	General	
LED LightYesBattery TypeRechargeable Li-ion batteryBattery Operating TimeApprox. 6 hoursBattery Charging TimeApprox. 3 hours fully chargedProtection LevelIP54Drop Test Height2 m (6.56 ft)Working Temperature Range-10°C to 50°C (14°F to 122°F)Storage Temperature Range-20°C to 60°C (-4°F to 140°F)Relative Humidity< 95% non-condensing	Wi-Fi	N/A
Battery TypeRechargeable Li-ion batteryBattery Operating TimeApprox. 6 hoursBattery Charging TimeApprox. 3 hours fully chargedProtection LevelIP54Drop Test Height2 m (6.56 ft)Working Temperature Range-10°C to 50°C (14°F to 122°F)Storage Temperature Range-20°C to 60°C (-4°F to 140°F)Relative Humidity95% non-condensingWeightApprox. 380 g (0.84 lb)Dimension221.7 mm × 73.5 mm × 123.8 mm (8.73'' × 2.89'' × 4.87'')	USB Interface	USB Type-C
Battery Operating TimeApprox. 6 hoursBattery Charging TimeApprox. 3 hours fully chargedProtection LevelIP54Drop Test Height2 m (6.56 ft)Working Temperature Range-10°C to 50°C (14°F to 122°F)Storage Temperature Range-20°C to 60°C (-4°F to 140°F)Relative Humidity<95% non-condensing	LED Light	Yes
Battery Charging TimeApprox. 3 hours fully chargedProtection LevelIP54Drop Test Height2 m (6.56 ft)Working Temperature Range-10°C to 50°C (14°F to 122°F)Storage Temperature Range-20°C to 60°C (-4°F to 140°F)Relative Humidity<95% non-condensing	Battery Type	Rechargeable Li-ion battery
Protection LevelIP54Drop Test Height2 m (6.56 ft)Working Temperature Range-10°C to 50°C (14°F to 122°F)Storage Temperature Range-20°C to 60°C (-4°F to 140°F)Relative Humidity<95% non-condensing	Battery Operating Time	Approx. 6 hours
Drop Test Height2 m (6.56 ft)Working Temperature Range-10°C to 50°C (14°F to 122°F)Storage Temperature Range-20°C to 60°C (-4°F to 140°F)Relative Humidity<95% non-condensing	Battery Charging Time	Approx. 3 hours fully charged
Working Temperature Range-10°C to 50°C (14°F to 122°F)Storage Temperature Range-20°C to 60°C (-4°F to 140°F)Relative Humidity<95% non-condensing	Protection Level	IP54
Storage Temperature Range-20°C to 60°C (-4°F to 140°F)Relative Humidity<95% non-condensing	Drop Test Height	2 m (6.56 ft)
Relative Humidity < 95% non-condensing	Working Temperature Range	-10°C to 50°C (14°F to 122°F)
Weight Approx. 380 g (0.84 lb) Dimension 221.7 mm × 73.5 mm × 123.8 mm (8.73" × 2.89" × 4.87")	Storage Temperature Range	-20°C to 60°C (-4°F to 140°F)
Dimension 221.7 mm × 73.5 mm × 123.8 mm (8.73" × 2.89" × 4.87")	Relative Humidity	< 95% non-condensing
	Weight	Approx. 380 g (0.84 lb)
Tripod Mounting UNC ¼"-20	Dimension	221.7 mm × 73.5 mm × 123.8 mm (8.73" × 2.89" × 4.87")
	Tripod Mounting	UNC ¼"-20

Available Model

B10

Dimension



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Unit: mm (inch)
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Optional Accessories



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.



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