

FB21 Firefighting Thermal Camera



The HIKMICRO FB21 is a rugged, compact, high-quality thermal imaging camera designed for inspectors to observe in total darkness and smoke, helping to save lives, protect property and keep inspectors safe. Features like dual cameras, LED flashlights, easy-to-navigate buttons, and a temperature range of up to 550°C (1022°F) help you work effortlessly in harsh environments. 8 image modes for you to choose from, which satisfy most application scenarios.

## **Key Feature**

- Thermal resolution: 256 x 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)
- Up to 10 minutes for ambient temperature -10°C to 90°C (14°F to 194°F); Up to 2 minutes for ambient temperature 10°C to 115°C (14°F to 239°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
- Support object details enhancement

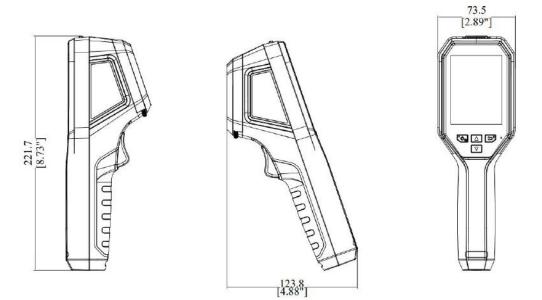
## Specification

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Battery Operating TimeApprox. 6 hoursProtection LevelIP54Drop Test Height2 m (6.56 ft)Working Temperature RangeUp to 10 minutes for ambient temperature -10°C to 90°C (14°F to 194°F); up to 2 minutes for ambient temperature -10°C to 115°C (14°F to 239°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 RangeUp to 10 minutes for ambient temperature -10°C to 90°C (14°F to 194°F); up to 2 minutes for ambient temperature -10°C to 115°C (14°F to 239°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
Drop Test Height2 m (6.56 ft)Working Temperature RangeUp to 10 minutes for ambient temperature -10°C to 90°C (14°F to 194°F); up to 2 minutes for ambient temperature -10°C to 115°C (14°F to 239°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
Working Temperature RangeUp to 10 minutes for ambient temperature -10°C to 90°C (14°F to 194°F); up to 2 minutes for ambient temperature -10°C to 115°C (14°F to 239°F)Storage Temperature Range-20°C to 60°C (-4°F to 140°F)Relative Humidity<95% non-condensing	Protection Level	IP54
Working Temperature Rangeminutes for ambient temperature -10°C to 115°C (14°F to 239°F)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)
Storage Temperature Range-20°C to 60°C (-4°F to 140°F)Relative Humidity< 95% non-condensing	Working Temperature Range	Up to 10 minutes for ambient temperature -10°C to 90°C (14°F to 194°F); up to 2
Relative Humidity < 95% non-condensing		minutes for ambient temperature -10°C to 115°C (14°F to 239°F)
Weight Approx. 380 g (0.84 lb)   Dimension 221.7 × 73.5 × 123.8 mm (8.73 × 2.89 × 4.87 in)	Storage Temperature Range	-20°C to 60°C (-4°F to 140°F)
Dimension 221.7 × 73.5 × 123.8 mm (8.73 × 2.89 × 4.87 in)	Relative Humidity	< 95% non-condensing
	Weight	Approx. 380 g (0.84 lb)
Tripod Mounting UNC ¼"-20	Dimension	221.7 × 73.5 × 123.8 mm (8.73 × 2.89 × 4.87 in)
	Tripod Mounting	UNC ¼"-20

## Available Model

FB21

## 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.





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