

HIKMICRO

FP Series

From Fires to More – Always Reliable.

VISIT OUR WEBSITE

Born for Fire. Built for More.

SuperIR | AGC | ODE

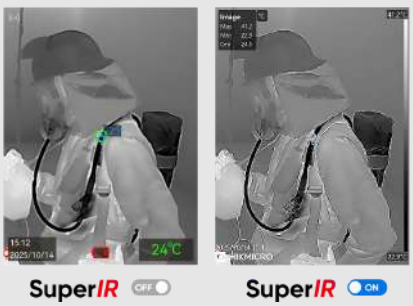
Pocket-Sized & Rugged | A compact, mission-ready form factor housed in ultra-impact-resistant PPSU polymer.

True IP67 Protection | Completely sealed against dust and capable of withstanding submersion in water.

Extreme Heat Endurance | Operates and survives direct exposure to temperatures up to 260°C.



Big Clarity in a Pocket-Sized Form
3.2" LCD + Pocket-Sized Design



Enhanced Image Quality with SuperIR

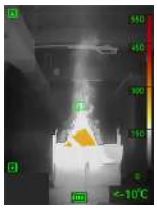


Automatic AGC

8 COLOR PALETTES


Fire Detection


Basic


Smooth


White Hot


Cold Area


Building


Hot Area


Rescue

WHAT'S IN THE BOX



- Charing Base (x1)
- Imager Quick Start Guide (x1)
- In-line Fuse (x1)
- Charing Base Quick Start Guide (x1)
- Car Cigarette Lighter (x1)
- UBS Cable (x1)
- M5x16 Screws (x3)
- Metal Bracket (x1)
- Neck Strap (x1)
- Retractable Lanyard (x1)
- Patch Cable (x1)
- M2.5x6 Screws (x2)

Model No	FP21	FP31
IR Resolution	256 × 192 (49,152 pixels)	384 x 288 (110,592 pixels)
NETD	< 30 mK (@ 25 °C, F#=1.0)	
Image Frequency	25 Hz	
Detector Pitch	12 μm	
Focal Length	3.6 mm	6.7 mm
F-number	F1.0	F0.9
Field of View (FOV)	37.2° × 50.0°	40°×29.8°
Spatial Resolution (IFOV)	3.33 mrad	1.79 mrad
Min. Focus Distance	0.3 m (0.98 ft)	0.5 m (1.64 ft)
SuperIR	Yes, on captured images and live view	Yes, on captured images and live view (with digital zoom)
Display	640 × 480 Resolution, 3.2"LCD Screen	
Visual Camera	NA	
Digital Zoom	1x, 2x, 4x	
Color Palettes	Basic, Smooth, White Hot, Fire Detection, Rescue, Hot Area, Cold Area, Building	
Image Modes	Thermal	Thermal/Fusion
Object Temperature Range	Range -20℃ to 150℃ Range 0℃ to 550℃	Range -20℃ to 150℃ Range 0℃ to 650℃
Storage Media	Built-in 4 GB flash memory	Built-in 128 GB flash memory
LED Light	Yes	
Battery Operating Time	Approx. 6 hours	Approx. 4 hours
Working Temperature Range	-10℃ to 55℃ (default settings) / 85℃, 30min / 150℃, 10min / 260℃, 5min	
Weight	Approx. 398 g (0.88 lb)	Approx. 420g (0.93 lb)