



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



SuperIR OFF

SuperIR ON

Enhanced Image Quality with SuperIR

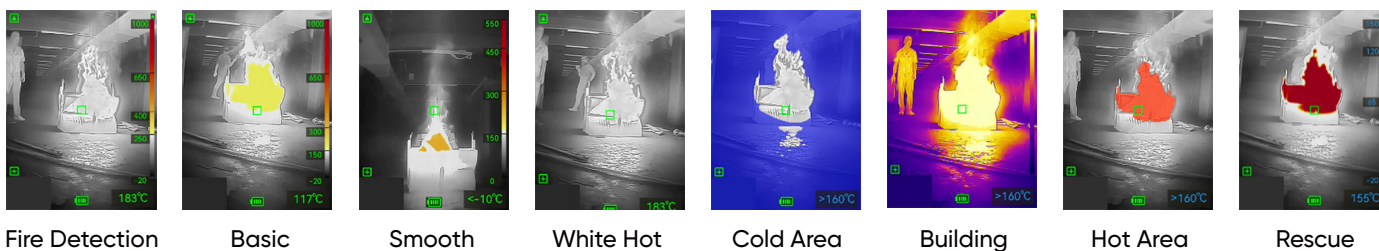


AGE OFF

AGE ON

Automatic AGC

8 COLOR PALETTES



Fire Detection

Basic

Smooth

White Hot

Cold Area

Building

Hot Area

Rescue

WHAT'S IN THE BOX



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

Model No	FP21
IR Resolution	256 × 192 (49,152 pixels)
NETD	< 30 mK (@ 25 °C, F#=1.0)
Image Frequency	25 Hz
Detector Pitch	12 μm
Focal Length	3.6 mm
F-number	F1.0
Field of View (FOV)	37.2° × 50.0°
Spatial Resolution (IFOV)	3.33 mrad
Min. Focus Distance	0.3 m (0.98 ft)
SuperIR	Yes, on captured images and live view
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
Object Temperature Range	"Range -20°C to 150°C / Range 0°C to 550°C "
Storage Media	Built-in 4 GB flash memory
LED Light	Yes
Battery Operating Time	Approx. 6 hours
Working Temperature Range	-10°C to 55°C (default settings) / 85°C, 30min / 150°C, 10min / 260°C, 5min
Weight	Approx. 398 g (0.88 lb)