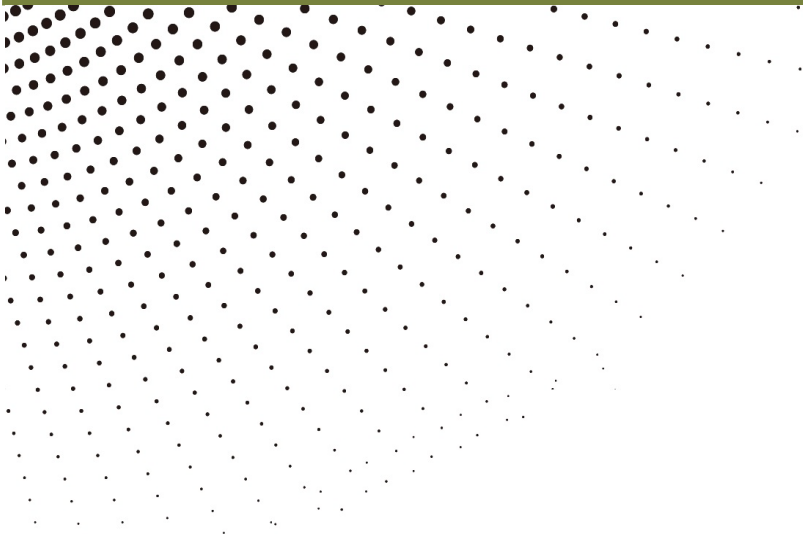


PFI-PX210 Thermal Camera for Smartphones



Key Features

- Image super-resolution upgrades resolution from 256×192 to 512×384 for sharper details.
- Compatible with iOS, Android smartphones.
- 10 mm manual focus lens with F0.9 aperture.
- 50 fps high frame rate for smooth image.
- 5 color palettes: white hot, black hot, iron red, alarm, amber.
- 5 selectable image modes.
- PIP function for both visible light and thermal imaging.

Technical Specification

Thermal	
Detector Type	Vanadium oxide uncooled focal plane detector
Effective Pixels	256 (H) × 192 (V)
Pixel Pitch	12 μm
Spectral Range	8 μm–14 μm
Sensitivity (NETD)	≤20 mK@f/1.0
Focal Length	10 mm
Aperture	F0.9
Field of View	H: 17.5°; V: 13.1°/H: 31.5 m; V: 23.3 m (@100 m)
Focus Control	Manual
Close Focus Distance	5 m
Digital Detail Enhancement (DDE)	ISR (512×384)
Color Palettes	White Hot, Black Hot, Iron Red, Alarm, Amber
Digital Zoom	1x-8x
Audio & Video Parameters	
Video Compression	H.264
Video Resolution	General: 256×192, ISR: 512×384
Video Frame Rate	50 fps
Image Encoding Format	JPEG
Function	
Video Recorder	Yes
Snapshot	Yes
Hot Spot Track	Yes
FFC Calibration	Auto; Manual; Semi-Auto
PIP	Yes
Power	
Power Supply	5 VDC
USB	USB Type-C
Power Consumption	0.36 W; ISR:0.56 W
General	
Operating Temperature	-20°C to 50°C (-22°F to 131°F)
Operating Humidity	≤93%
Packaging Dimensions	115 mm × 122 mm × 67 mm
Product Dimensions	φ26mm×29.6mm

Dimensions (mm[inch])

