

IR Thermal Imaging Camera/CCTV Companion

With modular & flexible architecture, high compatibility with a wide range of accessories, and full integration of features typically found in high-end IR cameras, IR210/110 offers a perfect choice for either stand-alone applications or demanding system integration projects. It also could be easily integrated into CCTV system.

Features and Benefits

- Ultra compact & lightweight
- Multiple choices of lens/optics
- Versatile for various demanding applications
- Constant high performance at affordable price



Applications

- Security monitoring
- Public safety
- Night-time navigation
- Industrial monitoring

**IR110****IR210**

Specifications

	IR210	IR110
Detector		
Detector Material	UFPA microbolometer	UFPA microbolometer
Spectral Range	8~14 μ m	8~14 μ m
Pixels	384 \times 288	160 \times 120
Pitch	25 μ m \times 25 μ m	25 μ m \times 25 μ m
NETD	\leq 80mk@30 $^{\circ}$ C	\leq 100mk@30 $^{\circ}$ C
Image Presentation		
Video Output	PAL/NTSC	
Frame Frequency	50Hz/ 60Hz	
Adjust	Auto/Manual brightness & contrast adjustment	
Electronic Zoom	\times 2, \times 4	
Polarity	B&W, B&W inverse (pseudo color optional)	
Interfaces		
Command and Control	RS232	
Video Output	RCA/BNC alternative	
Power System		
Power Supply	110/ 220VAC adapter	
Power Dissipation	4W	3.5W
Environmental Parameters		
Operating Temperature	-20 $^{\circ}$ C~+50 $^{\circ}$ C (-40 $^{\circ}$ C~+60 $^{\circ}$ C optional)	
Storage Temperature	-40 $^{\circ}$ C~+60 $^{\circ}$ C	
Physical Characteristics		
Color	White	Black
Size	120mm \times 60mm \times 60mm	
Weight	0.22kg	

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