

armstrong optical

IR2137/2150 Thermal Imaging Surveillance Camera



The **IR2137/2150** thermal imaging surveillance cameras offer a high resolution 384x288 pixel sensor with either a 45.7/137mm switched field lens with motorised focus or a 68/150mm switched field lens with motorised focus allowing both wide field searches and long range surveillance within a single camera system

The **IR2137/2150** is ideal for fixed observation such as border control, coastal surveillance, industrial site coverage and the monitoring of high value installations and is able to operate in all weathers, not being blinded by rain, snow fog or smoke, and needing no external illumination.

Imager:

Detector type	Uncooled FPA
Spectral range	8 - 12 μ m
Sensor size	384x288 pixel
NETD	\leq 80mK

Optics:

IR2137:	
Focal length/ f#	45.7/137mm f/1.1
Field of view	WFOV 11.99° x 9.01° NFOV 4.01° x 3.01°
IR2150:	
Focal length/ f#	68/150mm f/1.0
Field of view	WFOV 8.08° x 6.06° NFOV 3.67° x 2.75°

Image presentation:

Video output	PAL, 50Hz
Brightness/contrast	Auto/manual
Polarity	White hot/ black hot
Electronic zoom	X2, (X4 option)

Power:

Power supply	220V AC
Power consumption	7W
Interfaces	RS485/232/422

Environmental specification:

Operating temperature	-20°C to +50°C
Storage temperature	-20°C to +50°C
Encapsulation	Hermetic sealing

Physical:

Size	358 x 186 x 172mm
Weight	5.9kg