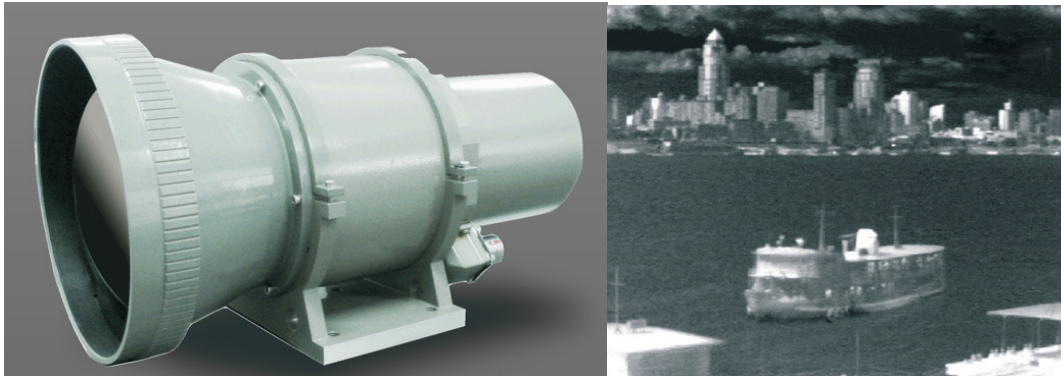


armstrong optical

IR2107 Thermal Imaging Surveillance Camera



The **IR2107** thermal imaging surveillance camera system combines a 384x288 pixel sensor with a 107mm, f/0.69 lens with motorised focus to allow long range surveillance in a multitude of application areas.

The **IR2107** is ideal for fixed observation such as border control, coastal surveillance, industrial site coverage and the monitoring of high value installations.

Imager:

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

Optics:

Focal length/ f# 107mm f/0.69 (150mm option)
Field of view 5.1° x 3.9° (3.7° x 2.8°)

Image presentation:

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

Power:

Power supply 220V AC
Power consumption 4W
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 211 x 182 x 182mm
Weight 5.9kg