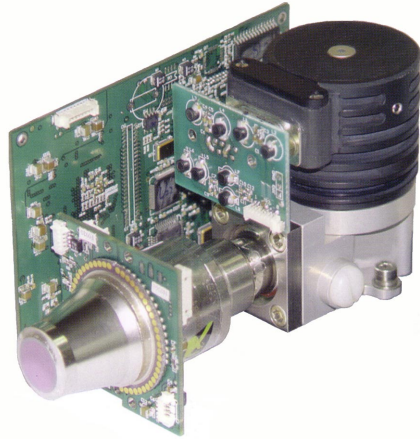


# armstrong optical

## IR130 cooled infrared imaging module



### Technical Specification

#### Detector

- Type: cooled HgCdTe FPA (320x256 pixel, 30µm pitch)
- Spectral response: 3 - 5 µm
- Cold field: f/2 - f/4 D\*10.2x1011
- Output dynamic range: 2.5V
- Non-uniformity: <1%
- NETD: 15mK at 30°C

#### Power requirement

- When cooling: <20W @ 20°C
- When stable: <15W @ 20°C

#### Environmental specification:

- Operating temperature: -40 to +60°C
- Storage temperature: -40 to +70°C

#### Physical characteristics:

- Size: 50 x 100 x 150 mm

#### Functions & Image performance:

- Gain & offset: automatic or manual
- Electronic zoom: x2 ~ x8 interpolating
- Image display: B&W, inverse B&W (multi colour options)
- Video output: CCIR or RS170 composite video (PAL/NTSC)
- Remote control: RS232, RS422 & RS485.

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