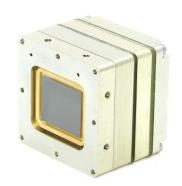


READY TO SERVE YOU THE DARKEST HOUR

ASTIR2 384

LWIR thermal imaging core

Shutterless uncooled 384 x 288 resolution. 17 µm. 50 Hz refresh rate



Specifications

Detector

Detector type
Resolution
Resolution
384 x 288
Pixel pitch
17 µm

NETD
< 55 mK

Spectral range
Refresh rate
50 Hz

Video processing

Digital zoom

AGC

Bad pixel detection/correction

Graphics overlay
Offset correction

Addition offset correction

Sharpness adjustment Temporal noise filtering

Interfaces Video output

'

Comunication interface

Physical

Size Weight

Power-up time Power suply

Mounting holes

Operational

Operating temperature Storage temperature

x1. x2. x4. x8. Continious

Advanced analysis of separate scene parts

Manual list based, automatic list based, real time

Pixel based with 256 color palette

Fully shutterless

Residual NUC recording and correction

Yes (variable) Yes (variable)

Analog (PAL); Digital (BT.656, Custom-1, Custom-2,

Custom-3, CameraLink)

UART, RS232, SPI, 2 x Quad SPI, USB

30 mm x 30 mm x 25 mm

36 g < 3.5 s 3 – 15 V

4 x M1.6 (front) and 4 x 2 x M2 (sides)

 -40° to $+60^{\circ}$ -55° to $+105^{\circ}$

This product is export controlled.

The thermal imaging cores are dual use products and are subject under the regulation of export outside of the EEC.

Disclaimer and copyright.

This document gives only a general description of the product. From time to time changes may ne made in properties and values.

