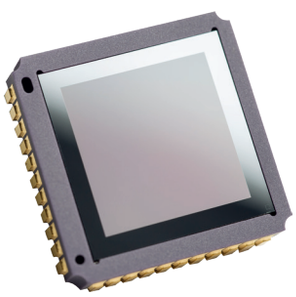


THE **BEST OF LYNRED** IN **12 µm** PIXEL PITCH

Based on continuous feedback from our customers and proactively collecting their needs, Atto320 is the first 12 µm technology thermal imager developed by Lynred.

Offering high quality moving images and low power consumption, Atto320 combines key values to meet the requirements of Leisure, Surveillance, Thermography and Firefighting applications.

With Atto320, you benefit from the best of Lynred's expertise in 12 µm pixel pitch.

+ HIGH-QUALITY MOVING IMAGES

+ SEAMLESS INTEGRATION

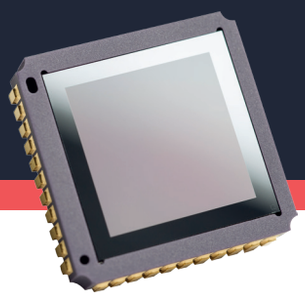
+ OPTIMIZED TOTAL COST OF OWNERSHIP

LYNRED
BY SOFRADIR & ULIS

Thermal Image Sensors

atto320™

320 x 240 - 12 µm



THE BEST OF LYNRED IN 12 µm PIXEL PITCH

PRODUCT NUMBER: **ATTO320-60HZ**

PICO384-053 (17 µm) COMPATIBLE

HIGH-QUALITY MOVING IMAGES

"Capture even the tiniest details"

- Sharp contrast
  - *Thermal sensitivity < 60 mK, (f/1, 300K, 60Hz)*
  - *[-40°C; +85°C] operating temperature range*
- Fluid and smooth image
  - *Frame rate: Up to 60Hz*
  - *Thermal time constant < 10 ms*
- High uniformity
  - *Array operability > 99.5 %*

SEAMLESS INTEGRATION

"Ready for high volume production"

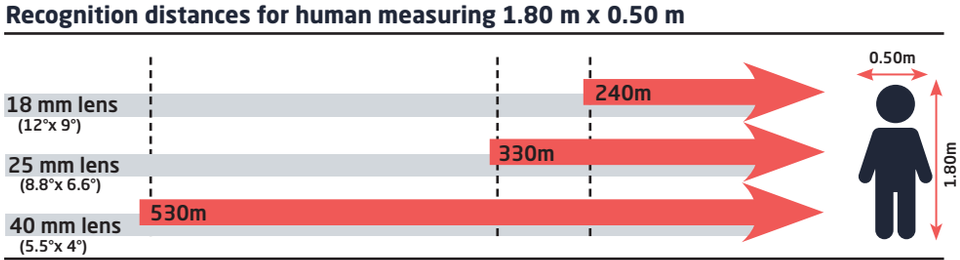
- Simplified electronic design
  - *Full digital component*
- High volume compliant
  - *Surface Mount Device (J-Lead44)*
  - *JEDEC's reflow and handling standards compatible*
- Flexible configuration
  - *Full access to sensor features (I^2C)*
  - *Free run or external trigger mode*

OPTIMIZED TOTAL COST OF OWNERSHIP

"Designed for cost optimized systems"

- Reduced optic size and cost
  - *12 µm pixel pitch*
- Product platform
  - *Compatible with PICO384-053 (17 µm)*
- Simplified image processing
  - *Predictable behavior*
  - *TECless, Shutterless compatible*
- Battery optimization
  - *Low power consumption < 220 mW*
  - *Digital mode*

Recognition distances for human measuring 1.80 m x 0.50 m



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Specifications are subject to change

LYNRED
BY SOFRADIR & ULIS

www.lynred.com