



New

Xi 400

Spot finder IR camera

innovative infrared technology

Compact spot finder IR camera

Features:

- **Industrial imager with 382 x 288 pixels** for exact temperature measurement of -20 °C ... 900 °C
- **Superb distance-to-spot-size-ratio up to 390:1 with sighting capabilities**
- Versatile **real-time image processing** software for monitoring and control
- Small sized rugged unit with **motorized focus**
- Attractive pricing allows OEM use
- Automatic hot spot finder to drive analog outputs
- Line-scan camera function



Type	Xi 400
Optical resolution	382 x 288 pixels
Detector	FPA, uncooled (17 µm x 17 µm)
Spectral range	7.5 – 13 µm
Temperature ranges	-20 °C ... 100 °C, 0 °C ... 250 °C, 150 °C ... 900 °C
Frame rate	80 Hz / 27 Hz
Optics (FOV)	18° x 13°, 29° x 22°, 53° x 36°, 80° x 58°
Thermal sensitivity (NETD)	80 mK
Accuracy	±2 °C or ±2 %, whichever is greater
PC interface	USB 2.0 / optional USB to GigE (PoE) conversion
Process interface (PIF), standard	1x Analog Output (0/4-20 mA) / 1x Analog Input (Digital Input)
Process interface (PIF), industrial	3x Analog Output or Alarm OUT / 2x Analog Input / 1x Digital Input / Failsafe (LED and relay)
Cable length (USB)	1 m (standard), 5 m, 10 m
Ambient temperature	0 °C ... 50 °C
Enclosure (size / rating)	Ø 36 mm x 100 mm (M30x1 thread) / IP 67 (NEMA 4)
Weight	200 g
Shock ¹⁾	IEC 60068-2-27 (25 G and 50 G)
Vibration ¹⁾	<ul style="list-style-type: none"> • IEC 60068-2-6 (sinusoidal form) • IEC 60068-2-64 (broadband noise)
Power supply	USB
Scope of supply	<ul style="list-style-type: none"> • Process imager • USB cable (1 m) • Standard PIF cable (1 m) incl. terminal block • Software package optris® PI Connect

¹⁾ For more details see operator's manual