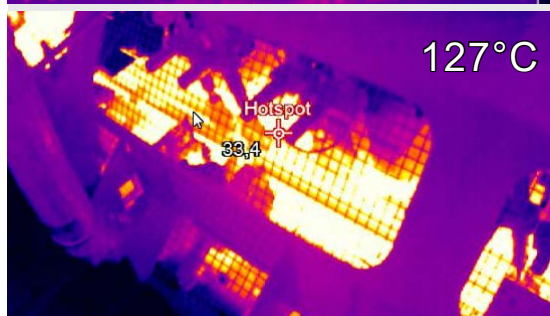
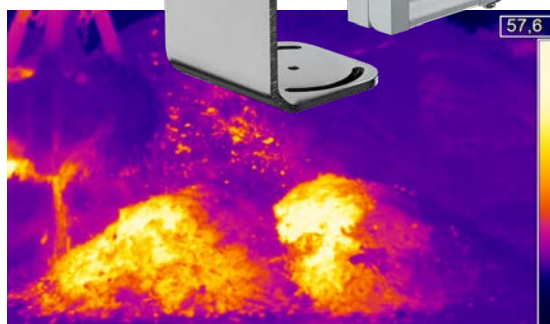


Industrial Package for Thermal Monitoring under harsh conditions



Features:

- Dedicated product package for reliable 24/7 operation under harsh industrial conditions
- Water cooling, Laminar air purge and Shutter system included
- Usable in ambient temperatures up to 250 °C
- Process interface for easy integration in control systems
- Environmental rating IP67
- IR camera with 384 x 240 px with Ethernet (PoE) interface
- Pre-assembled and ready to use



Scope of Supply

- Xi 410 LT ETH infrared imager
- Water cooled housing
- Air purge laminar incl. protective window
- Shutter for lens protection
- Ethernet or PoE cable
- I/O cable or Industrial PIF
- All cables in 5 m or 10 m length

Specifications Industrial Package

Environmental rating	IP 67
Operating Temperature range	0 °C ... 250 °C (with water cooling)
Water connection	ID 6 mm, AD 8 mm (1/8" for hose)
Flow rate / pressure (water)	1-5 l/min at max. 8 bar
Size	220 mm x 120 mm x 95 mm
Weight	2800 g
Material	Stainless steel
Process Interface (PIF)	Standard or Industrial Process Interface, stackable up to 3 PIFs
Cable length	5 m or 10 m high temperature (250 °C max.) cables

Specifications IR camera Xi 410

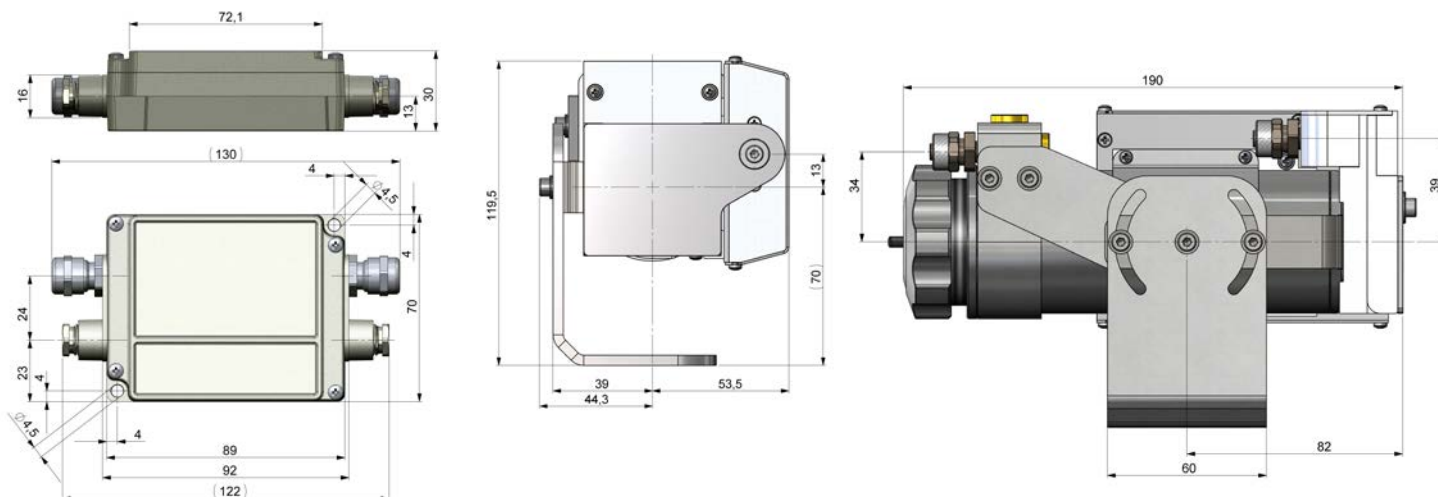
Optical resolution	384 x 240 pixels
Spectral range	8 – 14 µm
Frame rate	Ethernet: 25 Hz USB: 4 Hz autonomous: 1.5 Hz
Temperature range	-20 °C ... 900 °C -20 °C ... 1500 °C
Accuracy	±2 °C or ±2 %, whichever is greater
Thermal Sensitivity NETD	60 mK
Optics (FOV) / D:S	18° x 12° (f = 20 mm) / 390:1 29° x 18° (f = 13 mm) / 238:1 53° x 31° (f = 8 mm) / 128:1 80° x 44° (f = 6 mm) / 78:1
Interface	Ethernet (100 Mbit/s), (USB 2.0)
Supported Protocols	USB, Ethernet (Static), RS485, Serial Communication Optional: EtherNet/IP, Profinet, Modbus TCP
Size	Ø 36 mm x 100 mm, thread: M30x1
Material	Stainless steel
Power Supply	Power over Ethernet or 5-30 VDC
Power Consumption	max. 2.5 W

optris Xi 410 IP

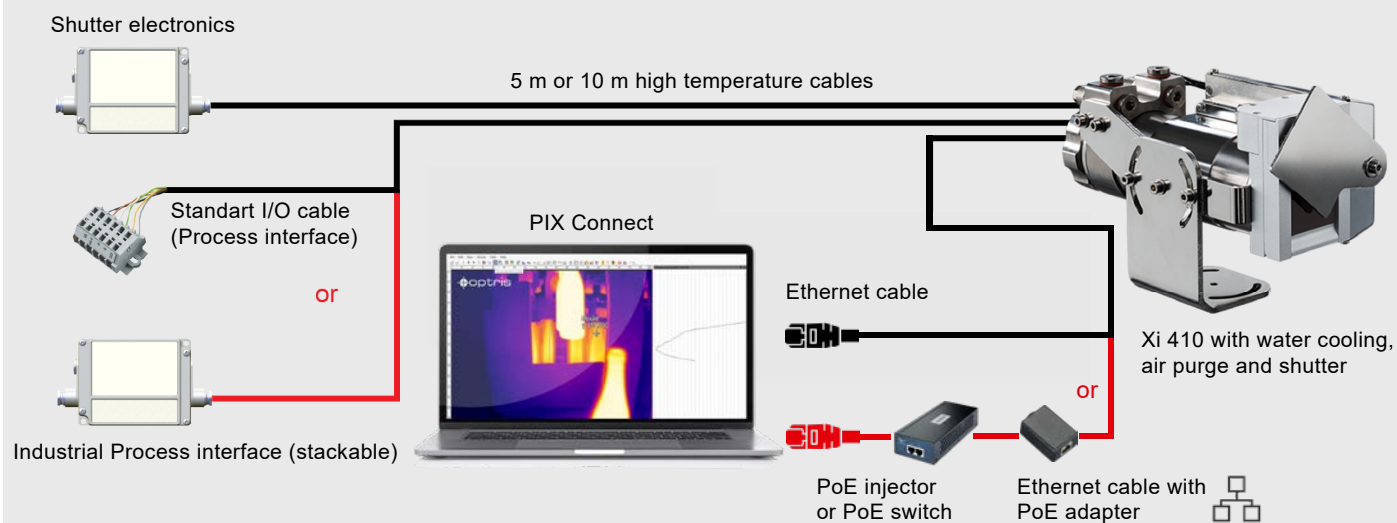
TECHNICAL DATA



Dimensions in mm



Components and Variations



More information:

<https://optris.com/products/infrared-application-packages/industrial-packages/xi-410-ip/>



Scope of Supply



How the package will be delivered

