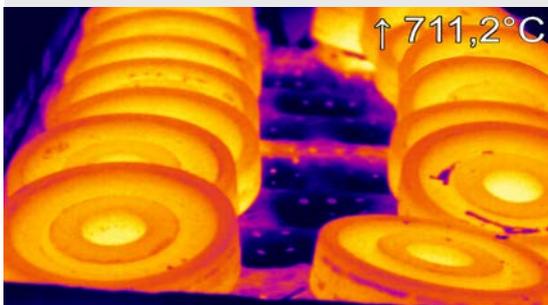
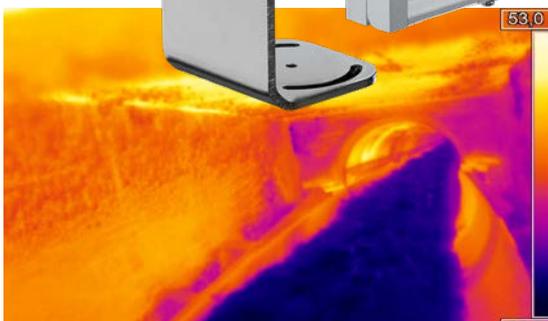


## Industrial Package for Thermal Monitoring under harsh conditions



### 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 640 x 480 px with USB interface
- Pre-assembled and ready to use



### 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 640

Optical resolution	640 x 480 pixels
Spectral range	8 – 14 µm
Frame rate	32 Hz
Temperature range	-20 °C ... 900 °C
Accuracy	±2 °C or ±2 %, whichever is greater
Thermal Sensitivity NETD	80 mK
Optics (FOV) / D:S	22° x 17° (f = 20) / 550:1 36° x 26° (f = 12.7) / 350:1 65° x 45° (f = 7.7) / 210:1
Interface	USB optional: USB GigE (PoE) interface
Supported Protocols	USB 2.0
Size	Ø 36 mm x 100 mm, thread: M30x1
Material	Stainless steel
Power Supply	USB
Power Consumption	max. 2.5 W

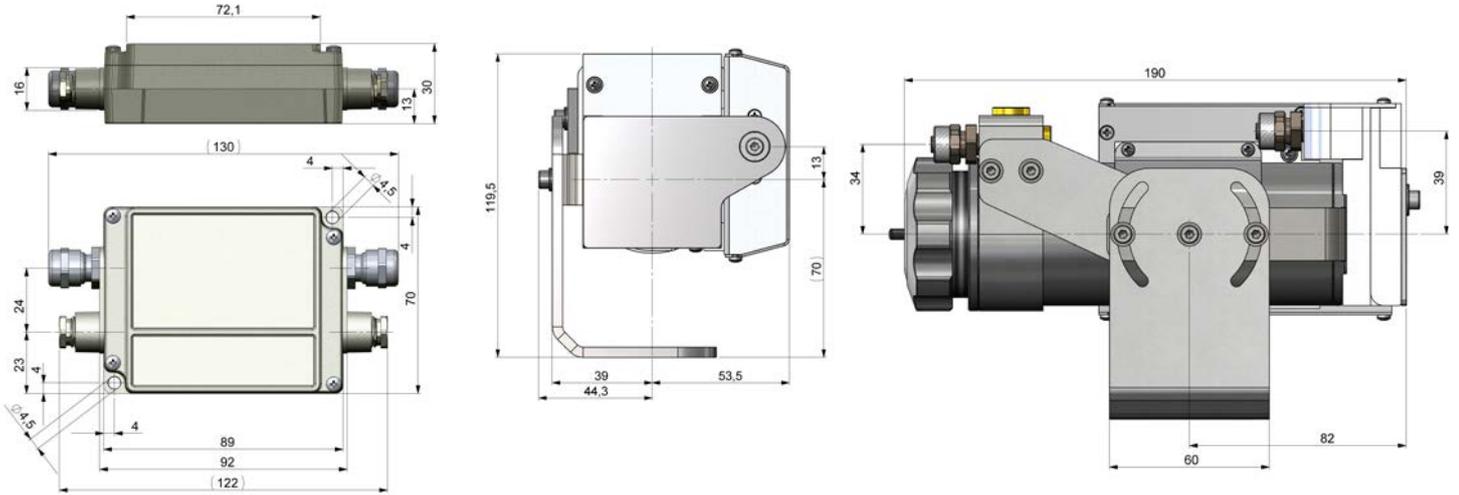
### Scope of Supply

- Xi 640 infrared imager
- Water cooled housing
- Air purge laminar incl. protective window
- Shutter for lens protection
- USB cable
- Industrial Process Interface (PIF)
- All cables in 5 m or 10 m length

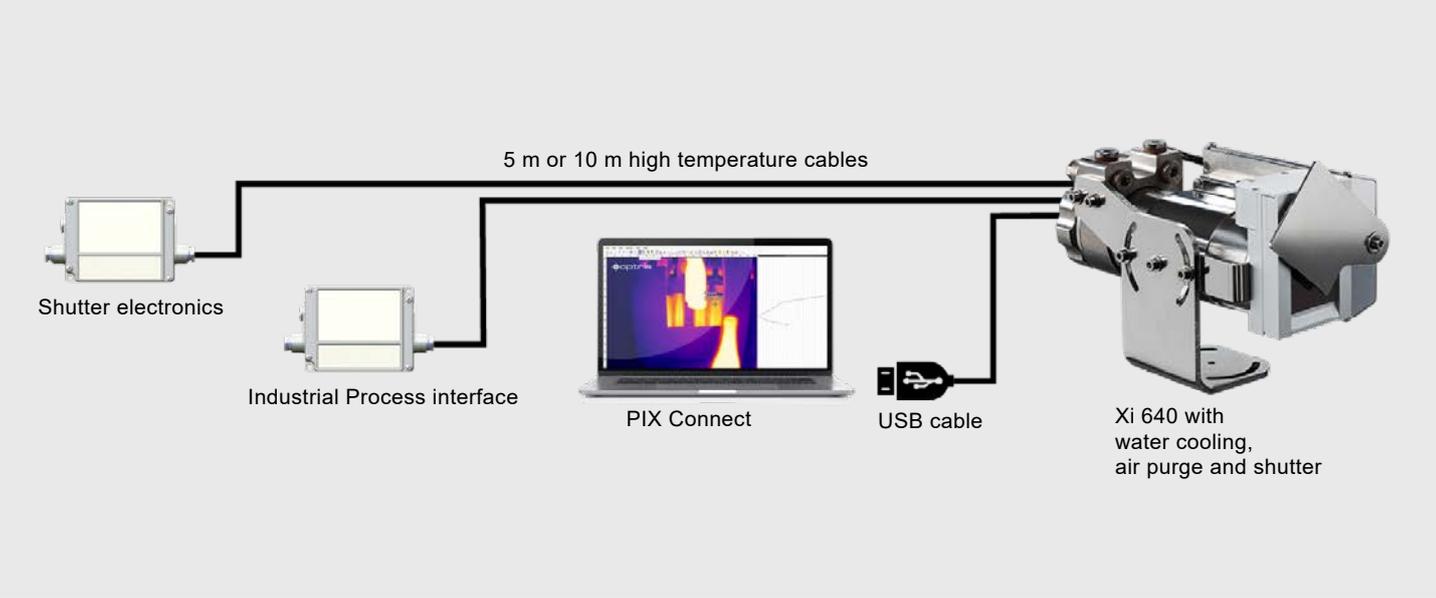
# optris Xi 640 IP

## TECHNICAL DATA

### Dimensions in mm



### Components and Variations



**More information:**  
<https://optris.com/products/infrared-application-packages/industrial-packages/xi-640-ip/>

### Scope of Supply

