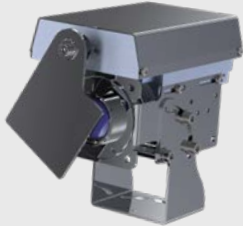


Xi accessories for accurate temperature measurements in harsh environments

For an optimal integration of our **Xi infrared cameras** in applications in rough industrial surroundings, the following combinable accessories are available.

Accessories Part-No.:	Air purge laminar ACXIAPL	Water cooled housing ACXIW	Shutter ACXIS
			
Features:	- To guarantee a reliable temperature measurement in the long-term the IR camera lens must be kept clean at all times from dust, smoke, fumes and other contaminants in order to avoid reading errors - The air purge attachment can be used to protect the Xi optics from contamination in rough and dusty areas	- The rugged water cooled housing allows the Xi infrared cameras to be employed in hot environments up to 250 °C - Respective heat-resistant cables are also available and recommended	- To protect the Xi camera optics a shutter (closing mechanism) can be purchased, which is equipped with a servomotor that can open and close a mechanical lock as needed - Special feature: Shutter has a 100 ms fast-closing mode - Complete seal when closed, this ensures that no dirt can get on the optics
Material:	Anodized aluminum	Stainless steel	Stainless steel
Weight:	218 g / 494 g with mounting bracket	1710 g	550 g / 826 g with mounting bracket
Note:	- Ambient temperature: 0 ... 80 °C¹⁾ - Make sure to use oil-free, technically clean air only - Needed amount of air (approx. 2...10 l/min) depending on application and installation conditions on-site - The laminar air purge has a Si-protective window / typical transmission value: 0.82 - Corresponding replacement window (Part-No.: ACXIAPLPWSI) - Corresponding mounting bracket (Part-No.: ACXIAPLAB) is required	- Ambient temperature up to 250 °C¹⁾ - Water flow rate: approx. 1 - 5 l / min (Cooling water temperature should not exceed 30 °C) - Corresponding mounting kit (Part-No.: ACXIxxxWAKx)²⁾ is required (WAK1: Usage without air purge, WAK2: Usage with air purge)²⁾ - To avoid condensation the laminar air purge (Part-No.: ACXIAPL) is recommended	- Ambient temperature: 0 ... 60 °C¹⁾ - Includes a control box for connections - Can be used with Process Interface (PIF) (Xi 80 Part-No.: ACXIPIFCBx*, Xi 400 Part-No.: ACXIPIFMACBx*)²⁾ - Corresponding mounting bracket (Part-No.: ACXIAPLAB) is required
 YouTube „How-to“ video tutorials	Exchange an Xi Air purge window 	Xi 80 Air purge installation 	Assembling a Xi 400 into a water cooled housing attaching a laminar air purge 

¹⁾Ambient temperature of Xi camera: 0 ... 50 °C

²⁾For more information see operators manual

optris Xi Accessories

Combinations



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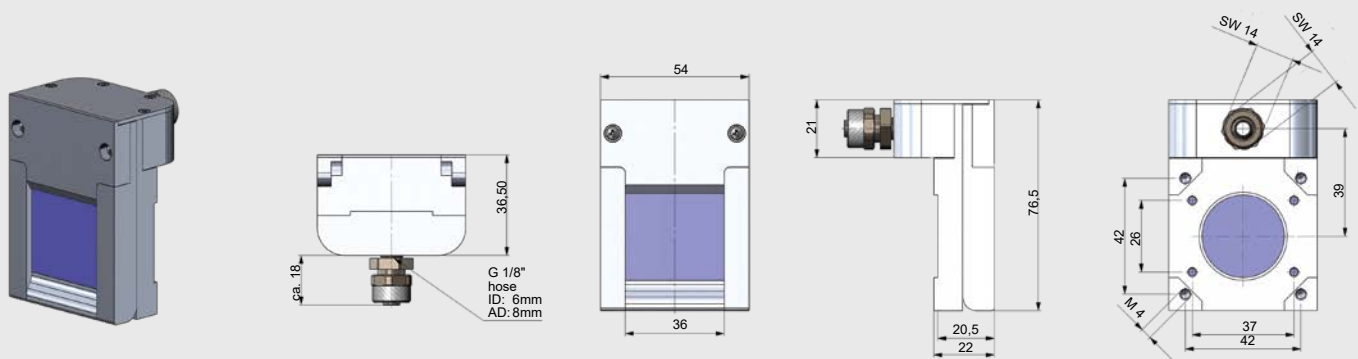
Air purge laminar
(ACXIAPL)

Water cooled housing
(ACXIW)

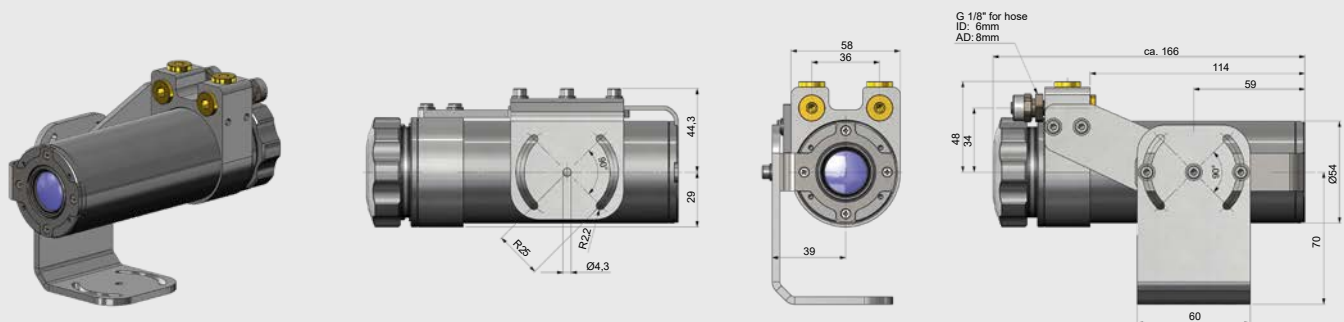
Shutter
(ACXISW)

**Air purge laminar, shutter
and water cooled housing**

Dimensions: Air purge laminar (in mm)



Dimensions: Water cooled housing (in mm)



Dimensions: Shutter (in mm)

