

10 Advantages of Polymer IR Windows

1

Durable and Rugged

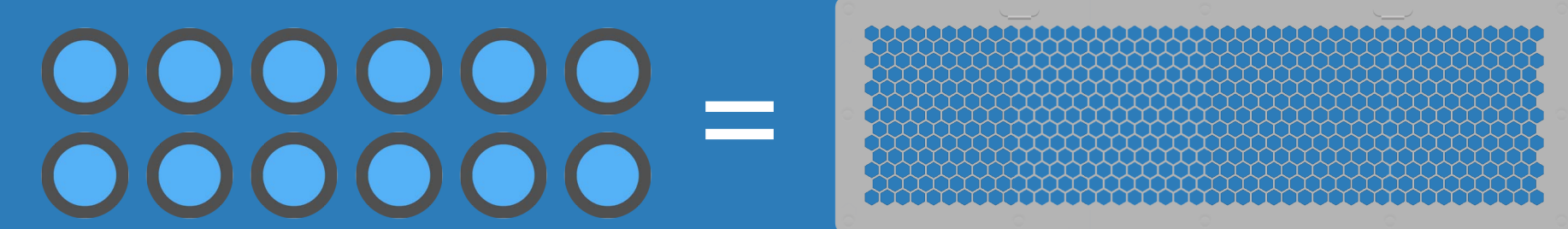
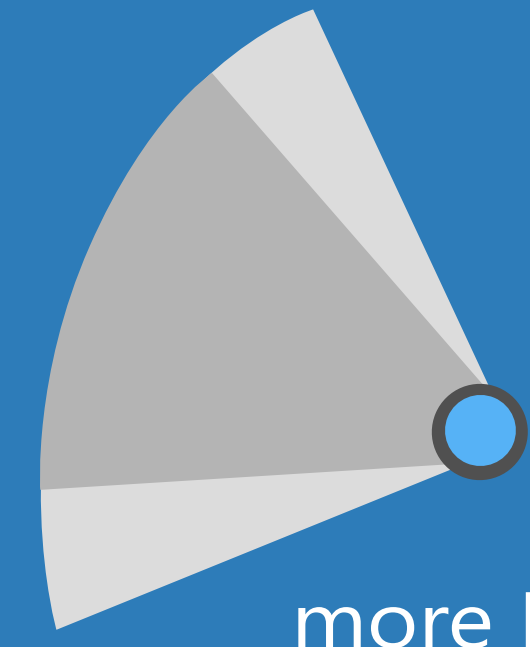
IRISS Polymer IR Windows are Industrial Grade Impact and Load Resistant systems, Crystal IR windows are NOT.



2

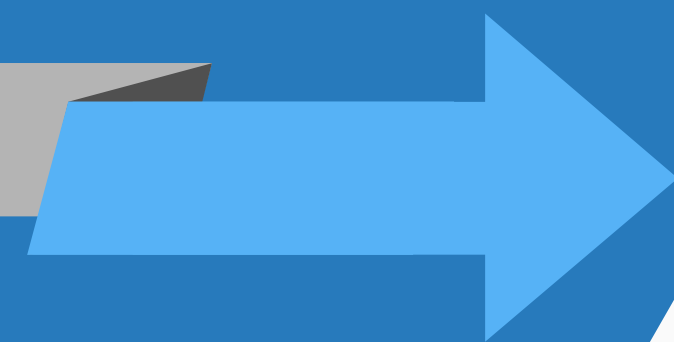
Unparalleled Field of View

IRISS CAP windows offer up to 12 times more FOV than regular round infrared windows



Fixed and Stable Transmission (FAST)

Polymer IR windows have a fixed and stable transmission rate and are unaffected by the mechanical stresses and humid environments that damage crystal IR windows

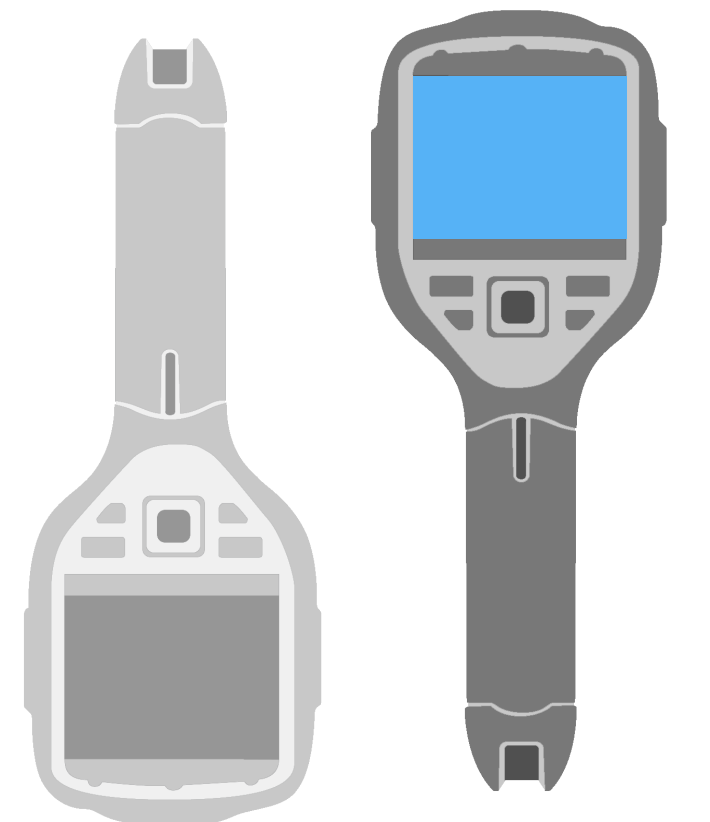


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Any Camera Any Task

The IRISS patented polymer optics work with all ranges of Infrared, Ultraviolet and Visual Inspection Cameras



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ARC Containment Tested

IRISS Polymer IR windows have been successfully Arc Containment Tested in Metal Clad and Arc Resistant Switchgear to all relevant IEEE and IEC standards.



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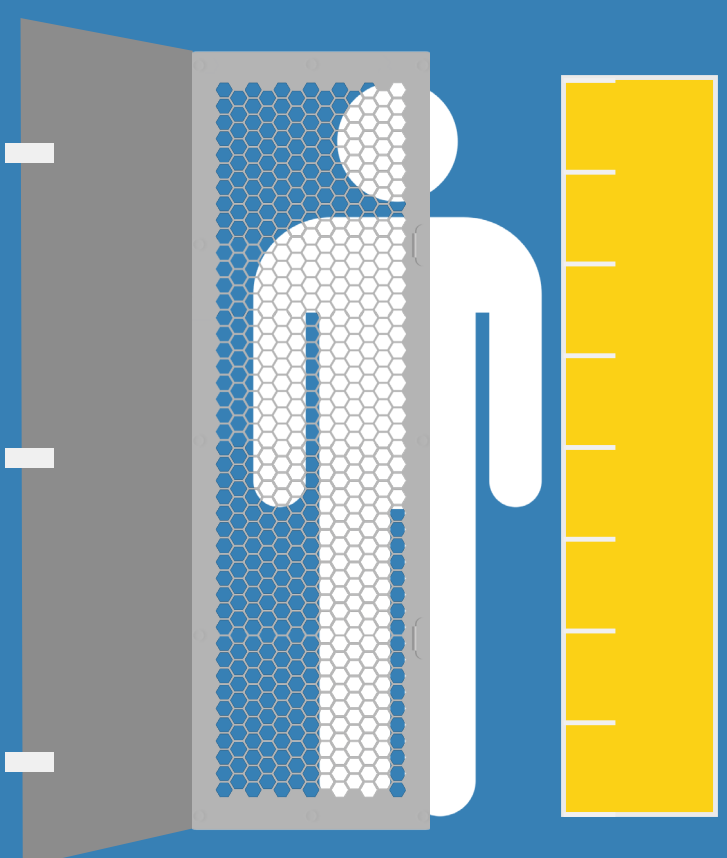
Certifications

IRISS IR windows are the most certified windows in the industry with, UL, cUL, CSA, IEEE, NEMA, Lloyds London, DNV, ABS and IEC Arc Containment Tested for industrial control equipment.



Customizable & Innovative

We build IR windows to suit your needs. There is no such thing as a standard IR inspection so why should there only be a standard IR Window?

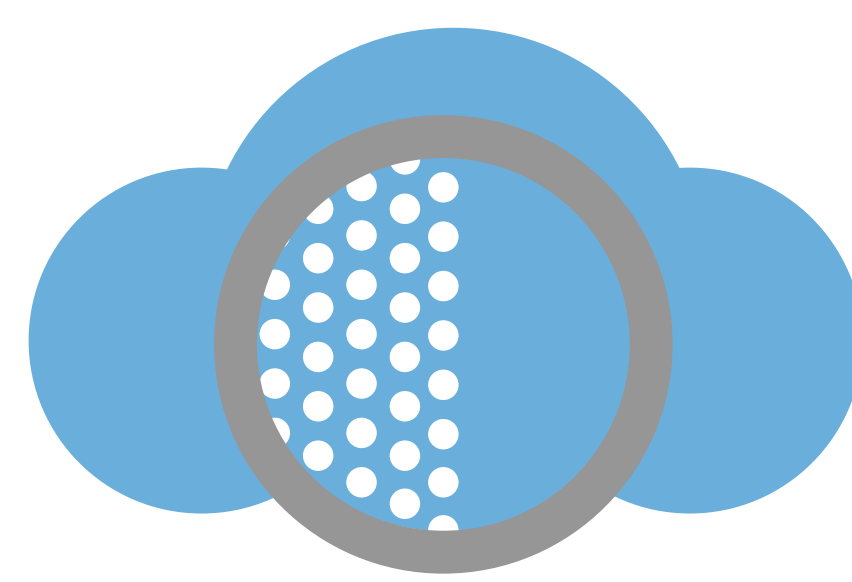


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Anti-Fogging

Polymer IR Windows are unaffected by fogging in areas of high humidity unlike the materials used in the lens of Crystal IR Windows.



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More Affordable

Polymers are far less expensive than equivalent crystal IR windows of the same size.



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Lifetime Warranty

All IRISS IR polymer based products have IRISS's Unconditional Lifetime Warranty, not limited to the crystal manufacturer's warranty limitation to "manufacturing defects only". This leaves out the fact that IR crystal lens failures are a "material failure" and as such excluded from their warranty cover.

