



Discover how we can improve your
instrumentation and supply chain
experience today!

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Custom Domes for Protective Housing for Drone Cameras

Knight Optical has successfully launched a range of [Stock Optical Domes](#) for protective housing for Drone and Vision system cameras, where protection of electronic sensor systems and expensive fish-eye lenses from harsh liquid and gas environments is essential.

<https://www.knightoptical.com/stock/optical-components/uvvisnir-optics/windows/domes/>

A dome is essentially a window that has two parallel curved faces. Our domes are high quality with good form error polished faces to ensure high clarity and transmission in the Visible and NIR spectrums allowing for accurate measurement.

Capabilities: Domes are readily mountable, optically clear and manufactured to a high standard. Available from 5mm to 200mm in diameter and 0.25 to 10mm in thickness offering high transmission and **extreme toughness for harsh environments**.

Typical materials: As well as fused silica, domes can be made in any of the [additional materials](#):

- BK7
- PMMA Acrylic
- Quartz
- Sapphire
- Germanium
- Silicon

All our domes are checked for quality in our state-of-the-art Metrology laboratory using equipment from Trioptics, Varian and Starret allowing us to work to the highest [QA standards](#) and meet the tolerance specifications on these **precision components**.

[Contact our technical sales team](#) to discuss your requirements for optical domes, as well as our other components.

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- View our [QA and metrology information](#)
- Watch our [Corporate Video](#)
- [View Our Corporate Brochure](#)