

A-25H



Designed for compact optical systems such as: barcode readers, industrial cameras, medical imaging and biometrics. The A-25H small size, large dynamic range, and low wave front error delivers outstanding performance.

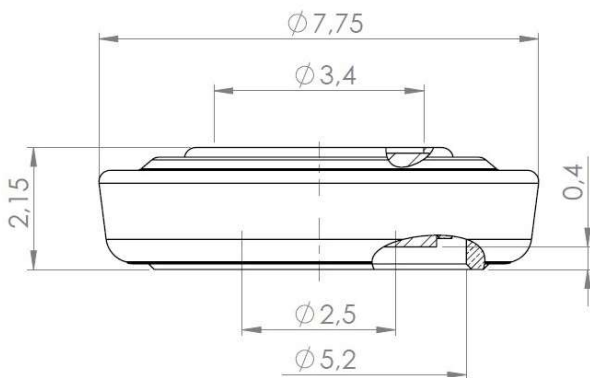
The A-25H lens is broadly suited for standard imaging applications. For very close distance imaging needs the A-25H-D0 is specially designed with a high dynamic range.

Key Features:

- 7.75 mm outer diameter
- 2.15 mm thickness
- 2.5 mm clear aperture
- Silent
- Focus range from 5.5 cm to ∞
(<3 cm to ∞ for A-25H-D0)
- Easy to integrate

Ordering Information:

- A-25H0 / A-25H0-D0 : with an anti-reflective coating optimized in the visible range
- A-25H1 / A-25H1-D0 : with an anti-reflective coating optimized in the near infrared
- A-25H9 / A-25H9-D0 : with no anti-reflective coating



Specifications:

Typical performance at 25°C

	A-25H	A-25H-D0
Useful aperture	2.5 mm	
Low optical power	-5 diopters (m^{-1})	-35 diopters (m^{-1})
High optical power	+13 diopters (m^{-1})	+35 diopters (m^{-1})
Wave Front Error on 2.5mm aperture	30 nm (rms)	70 nm (rms)
Transmission at 587nm (or 850nm for H1)	97%	
Storage temperature	from -40 to 85°C	from -40 to 85°C
Operating temperature	from -30 to 85°C	from -20 to 60°C