



ALTITUDE COMPENSATED LENS

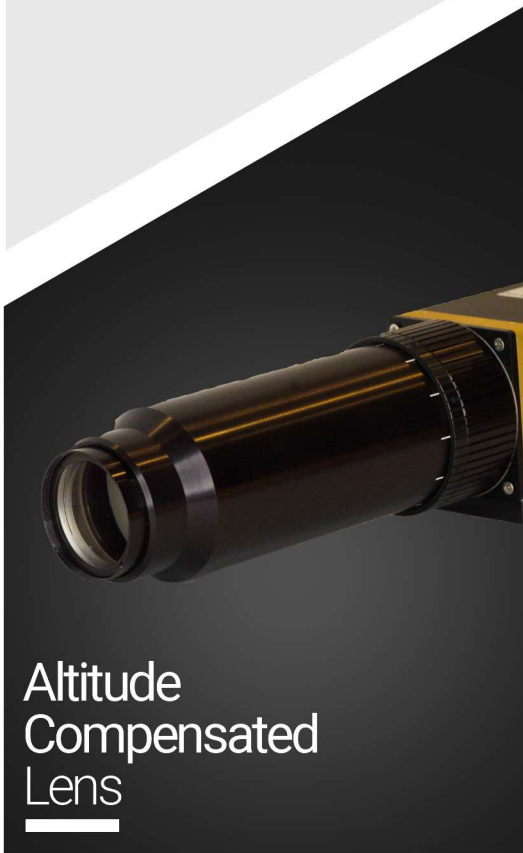
Visible (Athermal)

II-VI Aerospace & Defense (II-VI A&D) offers a high resolution lens assembly with low distortion designed for aerial imaging applications. As part of an airborne optical system, this lens supports unparalleled target imaging at varying altitudes over a wide temperature range.

II-VI Aerospace & Defense also provides customized objectives engineered and built to customer requirements. Optional camera integrations are available upon request.

KEY FEATURES

- | Compact Airborne Lens Assembly
- | Effective Focal Length 190 mm
- | Aperture Diameter 35 mm, F/5.4
- | Achromatic Waveband 400-700 nm
- | Package: Overall Length 174 mm, 58 mm Diameter
- | Athermal -30 to +50°C



Altitude
Compensated
Lens

OBJECTIVE SPECIFICATIONS

PARAMETER	VALUE	EXTRA INFO
Focal Length	190 mm	
Wavelength	400 - 700 nm	Achromatic
F Number	5.4	
Image Diagonal (max.)	44 mm	Array Size 36 x 24mm
Full Diagonal Field of View (FFOV)	13°	
MTF @ 45 lp/mm (On-Axis Nominal)	>0.40	
MTF @ 90 lp/mm (On-Axis, Nominal)	>0.22	
Distortion	<1%	
Flange to FPA	44 mm, minimum	
Mount Type	Custom	



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