



Theia

TECHNOLOGIES

TL936 Motorized Telephoto Day/Night 4K Compatible Megapixel Lens



9mm



36mm

- ✓ Compatible with 4K cameras (1/2.3" Sony IMX172 for example) with **5+ megapixel resolution** for demanding applications
- ✓ **Fully motorized versions**, or combinations with zoom, focus, iris, IR cut, and limit switch
- ✓ **4x zoom**: 9-36mm for long reach and field of view optimization
- ✓ Available in DC **auto-iris** and **P-iris** versions
- ✓ IR corrected for true **Day/Night** cameras
- ✓ **Compact** design (< 50mm TTL) to fit into domes as small as 4" mini-dome size
- ✓ CS-mount and smooth D25 board mount options
- ✓ For 1/3", 1/2.7" HD, 1/2.5" and 1/2.3" 4K* sensors

TL936 lens family specifications

Focal length	9-36mm
Image circle	Ø7.6mm
Resolution	5+ megapixel
F/#	F/1.5 to close
IR Correction	Day/Night
Lens length	<50mm
Focus range	2.5m - infinity
Temperature range	-20C to 50C (<70% humidity, non-condensing)

Field of view for sensor sizes

Sensor size	1/3"	1/2.7" HD	1/2.5"	1/2.3" 4K*
Field of view (H)	30° - 7.1°	37° - 8.6°	36° - 8.5°	39° - 10°
Field of view (V)	22° - 5.3°	20° - 4.8°	27° - 6.3°	19° - 5.0°
Field of view (D)	38° - 8.8°	42° - 9.9°	46° - 10.6°	44° - 11°

*4K format 4000x2000 pixels

Lens designation

TL936x xx -xx

CS: CS mount

D25: smooth Ø25mm mount

A: autoiris

P: P-iris

R3: motorized zoom, focus, iris

R4: motorized zoom, focus, iris, IRC

R5: motorized zoom, focus, iris, with limit switch for zoom, focus limits

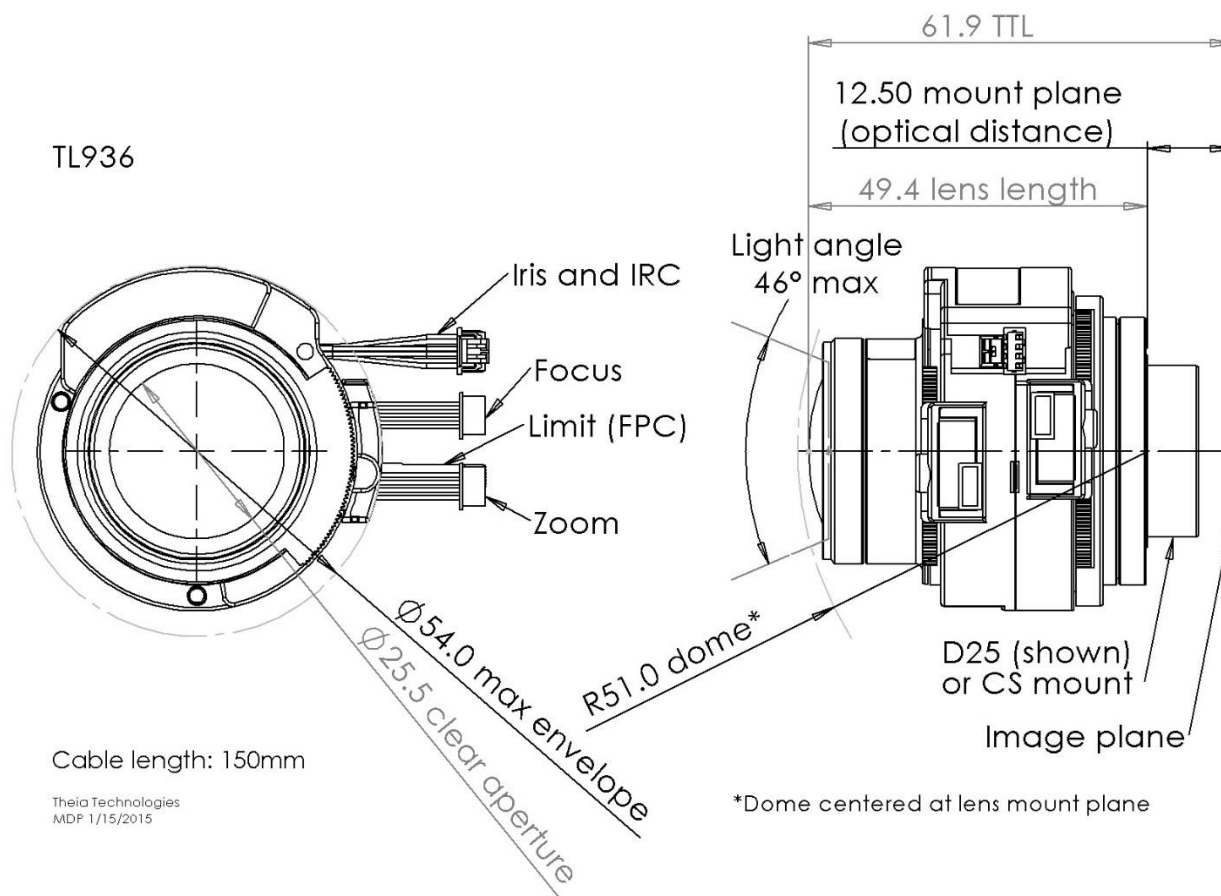
R6: motorized zoom, focus, iris, IRC, with limit switch for zoom, focus limits

Production versions:

TL936AR4-CS

TL936PR4-CS

Other versions are available by special request and may be added to regular production



For more information contact

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