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TECHNOLOGIES

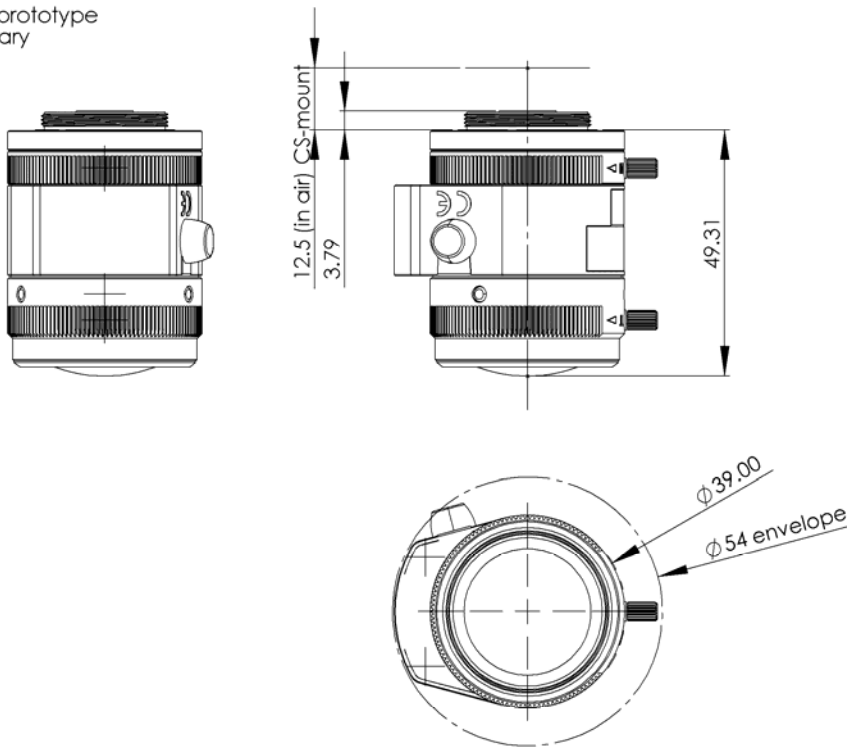
Telephoto Varifocal Lens 9–40mm - Day/Night

- 🔍 **Telephoto Varifocal 9 – 40mm**
- 🔍 IR corrected for **Day/Night** cameras
- 🔍 **5 megapixel resolution** for demanding applications
- 🔍 Short length, <**50mm** from CS mount
- 🔍 Supports **1/3" to 1/2.5"** sensor **Day/Night** cameras

Lenses	SL940A DC-autoiris	SL940M Manual iris
Focal length	9-40mm	
Resolution	Up to 5MPix resolution	
F/#	F/1.5 to close	
IR Correction	Day/Night	
Mount	CS	
Lens length	49.3mm from mount	
Minimum focal distance	2.5m	
Iris cable length	10cm	N/A
Weight	65g	
Operating Temp	-20C to 60C	
Storage Temp	-20C to 70C	

Sensor size	1/3"	1/2.7" HD	1/2.5"
Field of view (H)	30° - 7.1°	37° - 8.6°	36° - 8.5°
Field of view (V)	22° - 5.3°	20° - 4.8°	27° - 6.3°
Field of view (D)	38° - 8.8°	42° - 9.9°	46° - 10.6°

SL940A prototype
preliminary



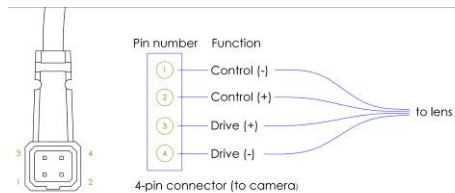
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Optimal glass insertion is 2mm between lens
and sensor.

Back focus is 12.5mm in air.

Autoiris lens

The iris operation is controlled electronically
by the camera with DC autoiris control. The
autoiris cable should be connected to the
camera's iris cable receptacle. Refer to your
camera manufacturer's operators manual to set
the camera's iris control to "DC autoiris".



Drive Voltage range: 3V (+1/-0.5 V)

Max current consumption: 22mA (max V/Drive Ω)

Drive coil resistance: 190 Ω

Damper coil resistance: 855 Ω