



SL940 Telephoto
Day/Night 4K Compatible Megapixel Lens



9mm

- √ 9-40mm for long reach and field of view optimization
- ✓ Supports multi megapixel resolution cameras for demanding applications of five megapixels or more
- ✓ Compact design to fit into domes as small as 4" mini-dome size



40mm

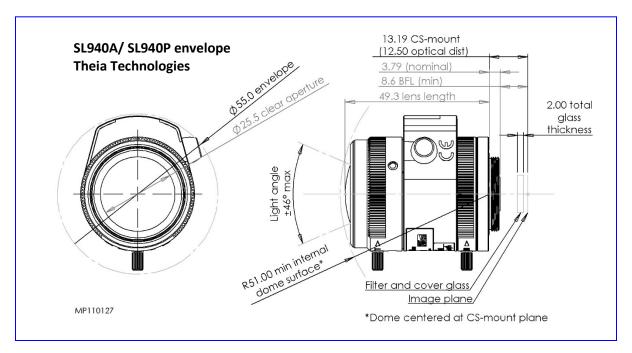
- ✓ IR corrected for true Day/Night cameras
- CS-mount with slip ring for ease of installation and positioning
- ✓ For 1/3", 1/2.7" HD, 1/2.5" and 1/2.3" 4K\* sensors
- ✓ Designed with DC auto-iris, P-iris (precise iris) and manual iris versions

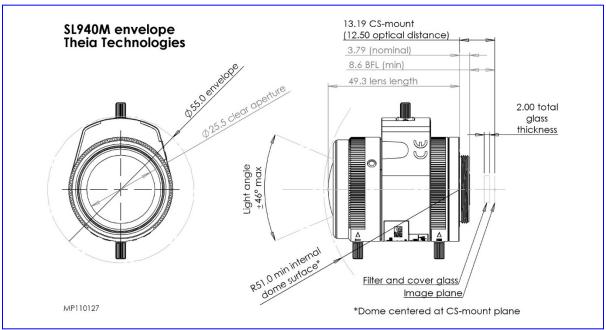
Lenses	SL940A	SL940P	SL940M
	DC-autoiris	P-iris	Manual iris
Focal length	9-40mm		
Resolution	5+ megapixel		
F/#	F/1.5 to close		
IR Correction	Day/Night		
Mount	CS		
Lens length	<50mm		
Minimum focal distance	2.5m - infinity		
Iris cable length	300	cm	N/A
Operating temperature	-20C to 60C (<70% humidity, non-condensing)		
Storage temperature	-30C to 70C (<90% humidity, non-condensing)		
CS mount slip range	320°		

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° - 9.2°
Field of view (V)	22° - 5.3°	20° - 4.8°	27° - 6.3°	19° - 4.6°
Field of view (D)	38° - 8.8°	42° - 9.9°	46° - 10.6°	44° - 10°

<sup>\* 4</sup>k format = 4000 x 2000 pixels









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## **P-iris motor specification** Applicable model: SL940P

Drive	Stepper motor
	2 phase bipolar drive
Operating voltage	4V (2.7~5.0V)
Number of steps	Step 1: stop
-	Step 2: Full open
	Step 72: Full close
	Step 75: stop
Basic step angle	18°
Maximum response	200 pps
freq.	
Coil resistance	300 +10% (each phase)

P-iris: open->close				
Step	A+	A-	B+	В
0	Τ	L	Η	L
1	L	Н	Н	L
2	L	Н	L	Н
3	Н	Ĺ	Ĺ	Н

Connector type 2 CC	TV
Connector type Hou	using: EYC 221
Cable length 300	)mm

Pin	Function
1	B+
2	A+
3	A-
4	B-



P-iris motor map				
Step	Aperture Size [mm2]	F/#		
1	95.0	1.54		
5	90.8	1.54		
10	82.1	1.61		
15	72.8	1.71		
20	63.4	1.83		
25	54.0	1.98		
30	44.9	2.17		
35	36.0	2.42		

Step	Aperture Size [mm2]	F/#
40	27.7	2.76
45	20.0	3.24
50	13.2	3.98
55	7.5	5.30
60	3.1	8.20
65	0.8	15.71
70	0.1	56.29
72	0.0	Closed

For more information contact

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