

SL410 Lens

4K Resolution Day/Night lenses up to 1/1.7" sensors

<ul style="list-style-type: none"> • Ultra high resolution for 4K cameras, up to 12.4 megapixel • Available in DC auto-iris, P-iris, and manual iris versions • Non-motorized version, Fully motorized versions available with combinations with zoom, focus, iris, IR cut, limit switch 	<ul style="list-style-type: none"> • IR corrected for true Day/Night cameras • Compact design to fit into domes as small as 4" mini-dome size • CS-mount as well as C-mount • Used for sensor sizes 1/2.5", 1/2.3", 1/ 2" 1/1.8", and up to 1/1.7" (Sony IMX178, Sony IMX226 for example)
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SL410 lens family specifications				
Lens	SL410A	SL410P	SL410M	ML410M
Mount type	CS-mount	CS-mount	CS-mount	C-mount
Iris type	DC autoiris	P-iris	Manual iris	Manual iris
Focal length	4-10mm			
Image circle	Ø9.4mm			
Resolution	12.4 megapixel			
F/#	F/1.4 @ 4mm – F/2.4 @ 10mm to close			
Focus Range	0.5m to infinity			
IR Correction	Day/Night			
Lens length	< 64mm TTL			
Weight	69-78g (depending on version)			
Operating temperature	-20C to 60C (<70% humidity, non-condensing)			
Storage temperature	-30C to 70C (<90% humidity, non-condensing)			

Field of view for sensor sizes						
Sensor size	1/1.7"	1/1.8"	1/1.8" 4K*	1/2"	1/2.3"	1/2.5"
Horizontal	112 - 44°	110 - 43°	110 - 43°	93 - 37°	90 - 36°	83 - 33°
Vertical	81 - 33°	71 - 29°	52 - 21°	68 - 28°	67 - 27°	60 - 25°
Diagonal	149 - 55°	139 - 52°	126 - 48°	120 - 46°	117 - 45°	106 - 42°

*4K format = 4000 x 2000 pixels

Lens designation

Production versions: (call for other versions)

SL410M (manual lens, manual iris, CS mount)

SL410A (manual lens, DC autoiris, CS mount)

SL410P (manual lens, P-iris, CS mount)

ML410M (manual lens, manual iris, C mount)

TL410A R6-CS (fully motorized, DC autoiris lens)

TL410P R6-CS (fully motorized, P-iris lens)

TL410P R6-25 (fully motorized, P-iris, D25 mount)

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

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SL410M (manual lens, manual iris, CS mount)
SL410A (manual lens, DC autoiris, CS mount)
SL410P (manual lens, P-iris, CS mount)
ML410M (manual lens, manual iris, C mount)
TL410A R6-CS (fully motorized, DC autoiris lens)
TL410P R6-CS (fully motorized, P-iris lens)
TL410P R6-25 (fully motorized, P-iris, D25 mount)

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

TL: motorized
SL: non-motorized
ML: non-motorized

xx410x xx -xx

A: autoiris
P: P-iris
M: manual 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
CS: CS mount
D25: smooth Ø25mm mount
TL: motorized
SL: non-motorized
ML: non-motorized

xx410x xx -xx

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R6: motorized zoom, focus, iris, IRC, with limit switch for zoom, focus limits
CS: CS mount
D25: smooth Ø25mm mount

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