



Theia[®]

TECHNOLOGIES



Theia Telephoto Lenses for ITS/LPR/ANPR Applications

- ✓ High resolution for **HD, 5MP & 4K** cameras, up to 12.4 MP (300 lp/mm & 1.55µ pixels)
- ✓ Available in DC **Autoiris, P-iris, and Manual iris** versions
- ✓ **Fully motorized “TL” versions** available include combinations with zoom, focus, iris, IR cut, limit switch
- ✓ NIR bandpass and notch cut filters available on some models
- ✓ Excellent **NIR correction** (440 to 940nm) for **Day/Night** cameras with IR illuminators
- ✓ **Light weight & Compact design** to fit into domes as small as 4” mini-dome size
- ✓ **CS-mount** and smooth **D25 board mount** options
- ✓ Used for sensor sizes 1/3”, 1/2.3” and **up to 1/1.7”** (e.g. Sony IMX178, Sony IMX226)



Lens models (1)	SL940A & TL936A	SL940P & TL936P	SL940M	SL1250A & TL1250A	SL1250P & TL1250P
Iris type	Auto-iris	P-iris	Manual	Auto-iris	P-iris
Mount type (2)	CS	CS	CS	CS	CS
Focal length	9-40mm, 9-36mm for TL936 motorized lens			12-50mm	
Sensor sizes	up to 1/2.3”			up to 1/1.7”	
Field of view	Varifocal 39° - 9° on 1/2.3” sensor, 36° - 9° for TL936 motorized lens			Varifocal 36° - 8° on 1/1.7” sensor 30° - 7° on 1/2.3” sensor	
Resolution	4K compatible (5+MP)			True 4K (12MP)	
Focus range (3)	2m to ∞			2m to ∞	
F/#	F/1.5 to close			F/1.8 to close	
IR Correction	Day/Night			Day/Night	
Lens length	50mm			52mm	

1.SL1250 lenses also available in manual iris. 2.Motorized lenses also available in D25 25mm diameter smooth board mount. 3.MOD may be shortened with extenders.