



Machine Vision Camera Lens

CF-ZA-1S series

Anti Shock & Vibration



2.5µm
pixel pitch

1.1"
Best for IMX253/255

Compact
Diameter 39mm

Model Name	CF8ZA-1S	CF12ZA-1S	CF16ZA-1S	CF25ZA-1S	CF35ZA-1S	CF50ZA-1S
Focal length (mm)	8mm	12mm	16mm	25mm	35mm	50mm
Iris range (F. no)	F1.8-F16					F2.4-F16
Angle of view	85.7° x 67.5°	62.5° x 47.8°	47.3° x 36.1°	32.9° x 24.8°	23.0° x 17.3°	16.6° x 12.5°
Working Distance* ¹	∞ -0.1m				∞ -0.2m	
Operation of focus	Manual					
Operation of iris	Manual					
Filter thread (mm)	M52 x 0.75	M37.5 x 0.5				
Mount	C-mount					
Weight (approx.) (g)	180			170	165	155
Sensor size (max.)	1.1"					
Chief Ray Angle (°)	4.5		4.9	2.7	4.5	4.8
TV distortion [%]	-4.81	-2.82	-0.80	-0.83	-0.32	-0.17
Dimension (mm)	Ø 54 x 67	Ø 39 x 67.6		Ø 39 x 67.3		Ø 39 x 68

^{*1} From front of lens barrel

Specifications are subject to change without notice. 10/18

Vision Light Tech B.V.

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