



1-inch 25 mm Machine Vision Lens

PMS18VP2510

1" Sensor | 25 mm | C-Mount | Manual Focus & Iris

SENSOR
1" / 16 mm

FOCAL LENGTH
25 mm

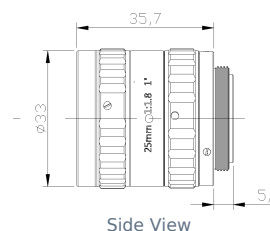
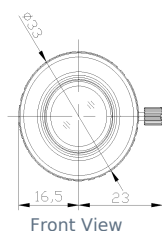
APERTURE
F1.8-Close

WAVELENGTH
420-1000 nm

FOCUS RANGE
0.15 m-Infinity

MECHANICAL DRAWING

Unit: mm



TECHNICAL SPECIFICATIONS

No.	Item	Specification
1	Sensor Format	1" (16 mm)
2	Wavelength Range	420-1000 nm
3	Focal Length	25 mm
4	Mount	C-Mount
5	Aperture Range	F1.8-Close
6	Angle of View Diagonal x Horizontal x Vertical	1": 36.21° x 29.08° x 21.86° 1/2": 18.45° x 14.72° x 11.08° 1/3": 13.81° x 11.08° x 8.34°
7	Object Size At Minimum Focus Distance	1": 92.4 x 73.3 x 54.6 mm 1/2": 45.5 x 36.4 x 27.2 mm 1/3": 34.2 x 27.3 x 20.5 mm
8	Back Focal Distance In Air	12.6 mm
9	Operation	Focus: Manual Iris: Manual
10	Distortion	1": -0.49% @ y=8 mm 1/2": -0.12% @ y=4.0 mm 1/3": -0.06% @ y=3.0 mm
11	Focus Range	0.15 m to Infinity
12	Filter Thread	M30.5 x P0.5
13	Lens Dimensions Diameter x Length	33 x 40.8 mm
14	Weight	73.65 g
15	Operating Temperature	-20°C to +60°C