



PMS-LFPHM-3528M(B)

20MP 1.1-Inch 35mm FA Industrial Lens

Professional optical design for low-distortion imaging with balanced illumination from the image center to the edge.

PRODUCT INTRODUCT

- Supports up to 20MP 1.1-inch industrial cameras
- Separate focus-lock and iris-lock screws
- Low-distortion imaging for inspection and positioning
- Compact structure with stable optical performance

PMS-LFPHM-3528M(B)	PRODUCT PARAMETERS
Sensor Format	1.1 inch
Effective Image Size	17.6 mm
Focal Length	35 mm
Aperture Range	F2.8-F16
Resolution	20 MP
Distortion	0.30%
Optical Back Focal Length (in air)	10.52 mm
Mechanical Back Focal Length (in air)	8.9 mm
Focus Range	0.2 m to Infinity
Reference Sensor / Object Distance	1 inch / 0.25 m
Field Angle (D x H x V)	23.33° x 19.33° x 13.32°
Object Field (D x H x V)	90.8 x 74.81 x 51.18 mm
Focus Control	Manual with Locking Mechanism
Iris Control	Manual with Locking Mechanism
Mount	C-Mount
Weight	Not specified in source sheet
Operating Temperature	-30°C to +70°C

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PRODUCT DIMENSIONS

Technical drawing of the PMS-LFPHM-3528M(B) lens. The drawing includes three views: a front view, a side view, and a rear view. The front view shows a lens with a diameter of $\varnothing 37.5 \pm 0.03$ and a total height of 49. The side view shows a lens with a diameter of $\varnothing 37.5 \pm 0.03$ and a total height of 49. The rear view shows a lens with a diameter of $\varnothing 22$ and a total height of 17.526 (in air). The lens is labeled "POMEAS" and "FA 35mm 1:2.8 1.1" 20MP B". The mounting thread is 1-32UN-2A. The lens is shown with a mounting flange and a mounting hole of diameter $\varnothing 22$. The mounting flange has a height of 15.9. The mounting hole has a diameter of $\varnothing 22$. The lens is shown with a mounting flange and a mounting hole of diameter $\varnothing 22$. The mounting flange has a height of 15.9. The mounting hole has a diameter of $\varnothing 22$.

	Unit: mm	Model	PMS-LFPHM-3528M(B)
		Name	FA Industrial Lens
		Date	2019/11/2