



PMS-LFPHM-1628M(B)

FA Industrial Lens

Professional optical design for low-distortion imaging with uniform center-to-edge illumination.

PRODUCT OVERVIEW

- ◆ Supports 20MP industrial cameras with sensor formats up to 1.1 inch;
- ◆ Separate focus-lock and iris-lock screws for stable system setup;
- ◆ Low-distortion imaging for inspection, recognition and positioning;
- ◆ Compact mechanical design with reliable optical performance.

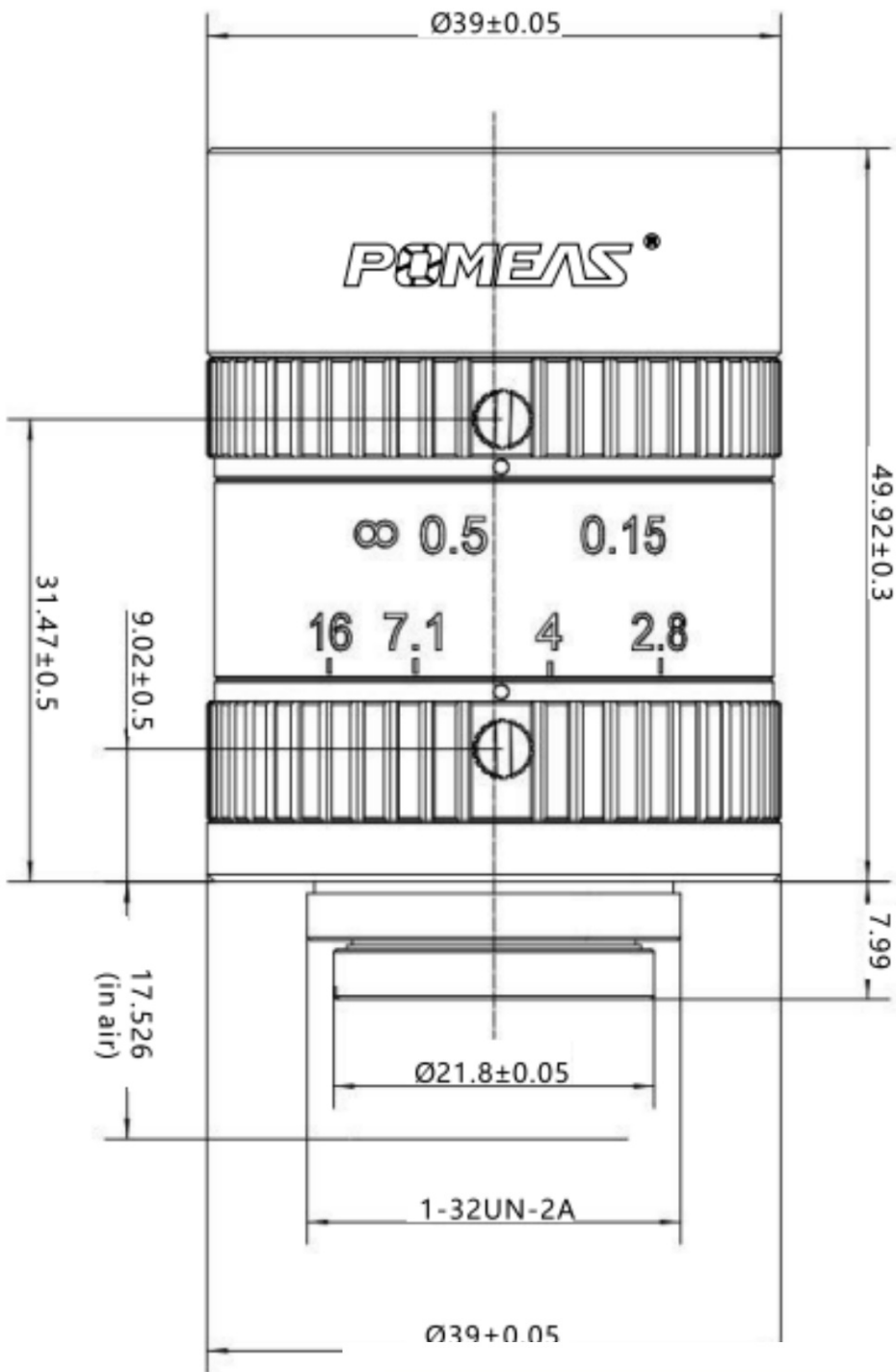
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PRODUCT SPECIFICATIONS

Sensor Format	1.1 inch
Effective Image Size	17.6 mm
Focal Length	16 mm
Aperture Range	F2.8-F16
Resolution	20 MP
Distortion	-1.0% at y=8.8 mm
Optical Back Focal Length	9.67 mm in air
Mechanical Back Focal Length	9.5 mm in air
Focus Range	0.15 m to infinity
Reference Condition	1-inch sensor at 0.25 m object distance
Field Angle (D x H x V)	56.3 deg x 47.7 deg x 33.7 deg
Object Field (D x H x V)	181 x 148.9 x 101.7 mm
Focus / Iris Control	Manual with locking mechanisms
Mount	C-Mount
Weight	119 +/- 5 g
Operating Temperature	-30 C to +70 C

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PRODUCT DIMENSIONS



Unit: mm	Model	PMS-LFPHM-1628M(B)
	Name	FA Industrial Lens
	Date	2019/11/2
C-Mount: 1-32UN-2A	POMEAS	

