



PMS-LFPHM-5028M(B)

20MP 1.1-Inch 50mm FA Industrial Lens

Professional optical design for low-distortion imaging with high transmission and balanced illumination from center to edge.

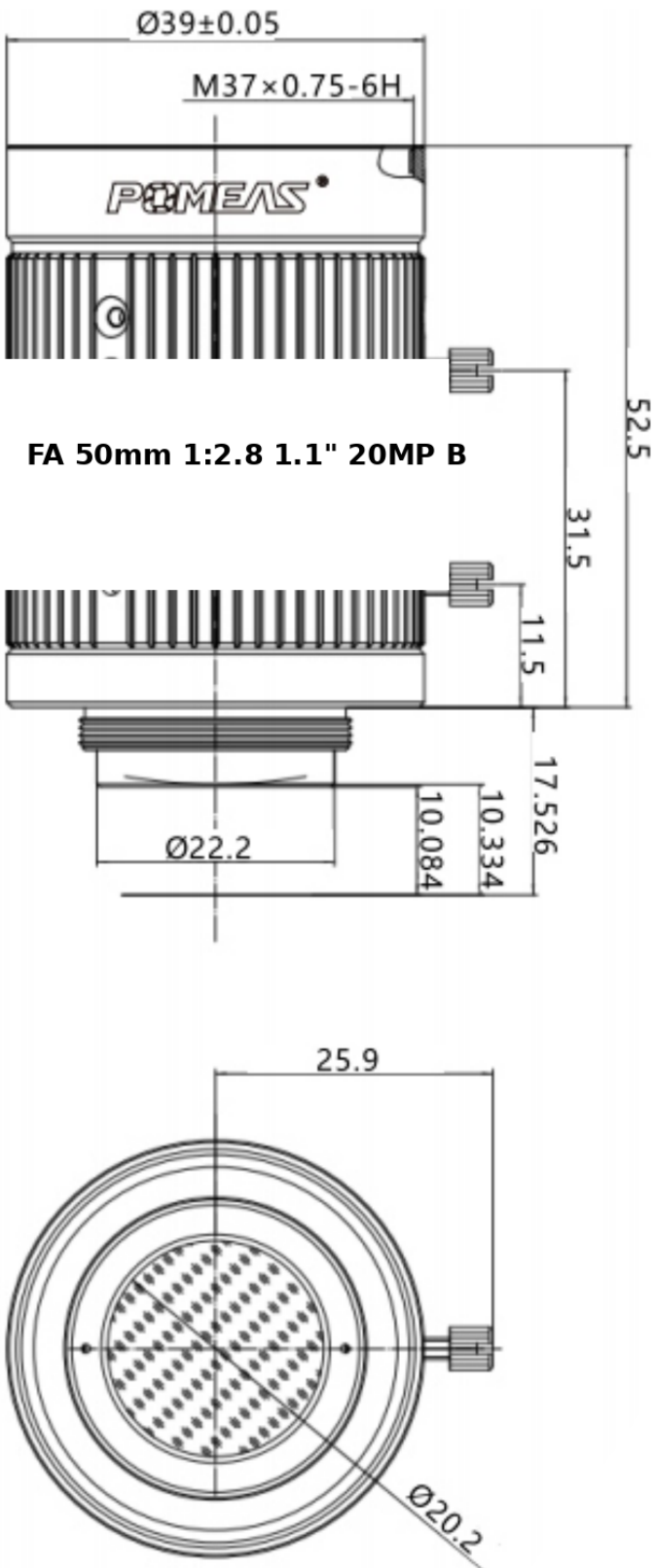
PRODUCT INTRODUCTION

- Supports up to 20MP 1.1-inch industrial cameras
- Multi-layer coating for high transmission and reduced stray light
- Low-distortion imaging for inspection, recognition and positioning
- Focus-lock and iris-lock screws for stable equipment setup

Compact structure with anti-vibration and impact-resistant design

PMS-LFPHM-5028M(B)	PRODUCT PARAMETERS
Sensor Format	1.1 inch
Effective Image Size	17.6 mm
Focal Length	50 mm
Aperture Range	F2.8-F16
Resolution	20 MP
Distortion	0.05% at y=16 mm
Optical Back Focal Length (in air)	10.3 mm
Mechanical Back Focal Length (in air)	10.08 mm
Focus Range	0.25 m to Infinity
Reference Sensor / Object Distance	1 inch / 0.25 m
Field Angle (D x H x V)	18.6° x 15.0° x 11.2°
Object Field (D x H x V)	69 x 55 x 41 mm
Focus Control	Manual with Locking Mechanism
Iris Control	Manual with Locking Mechanism
Mount	C-Mount
Weight	118 ± 5 g
Operating Temperature	-30°C to +70°C

PMS-LFPHM-5028M(B)	PRODUCT DIMENSIONS
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Unit: mm	Model	PMS-LFPHM-5028M(B)
	Name	FA Industrial Lens
	Date	2019/11/2