



LFGHH-1220M

FA MACHINE VISION LENS

Professional optical design for low-distortion imaging and uniform light distribution from center to edge.

PRODUCT OVERVIEW

- ◆ Supports 10MP cameras with sensor formats up to 4/3 inch.
- ◆ Focus locking screw and iris locking screw.
- ◆ Low-distortion imaging.
- ◆ Compact structure with excellent optical performance.

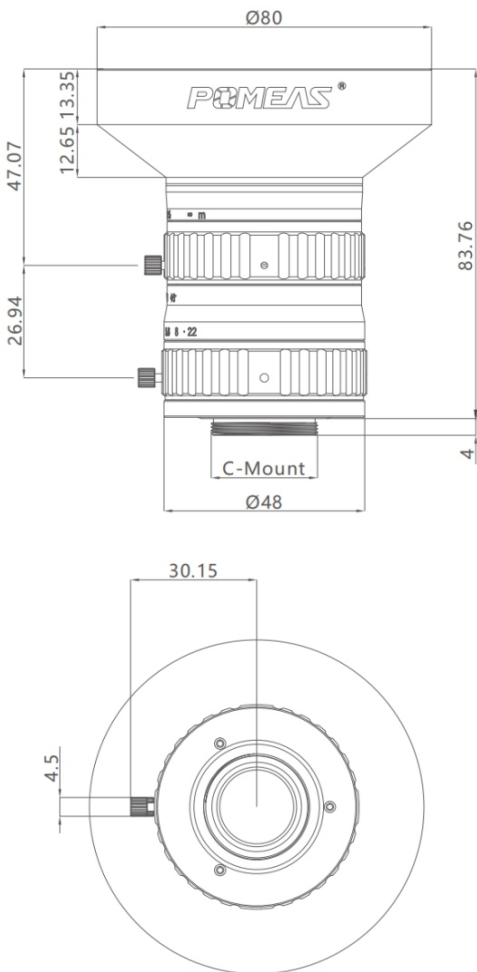
PRODUCT SPECIFICATIONS

LFGHH-1220M

Resolution		10 Megapixels
Focal Length		12 mm
Iris Range		F2.0-F22
Maximum Sensor Format		4/3"
Angle of View (Diagonal × Horizontal × Vertical)	4/3"	89° × 75.5° × 61.1°
	1"	68.9° × 57.3° × 44.2°
Image Circle		22 mm
Operation	Focus	Manual (Locking Mechanism)
	Iris	Manual (Locking Mechanism)
Distortion	4/3"	-2.4% @ y=11.0 mm
	1"	-1.78% @ y=8.0 mm
Back Focal Length (in air)		18.93 mm
Mount		C-Mount
Filter Thread		M77 × 0.75 mm
Operating Temperature		-10°C to +50°C

MECHANICAL DIMENSIONS

Units: mm | Scale: 1:1



Model: LFGHH-1220M | Drawing date: 2019/11/2