PMS-LFEHH-1628M(B)

FA Machine Vision Lens

Low-distortion optical design with uniform center-to-edge imaging.

PRODUCT FEATURES

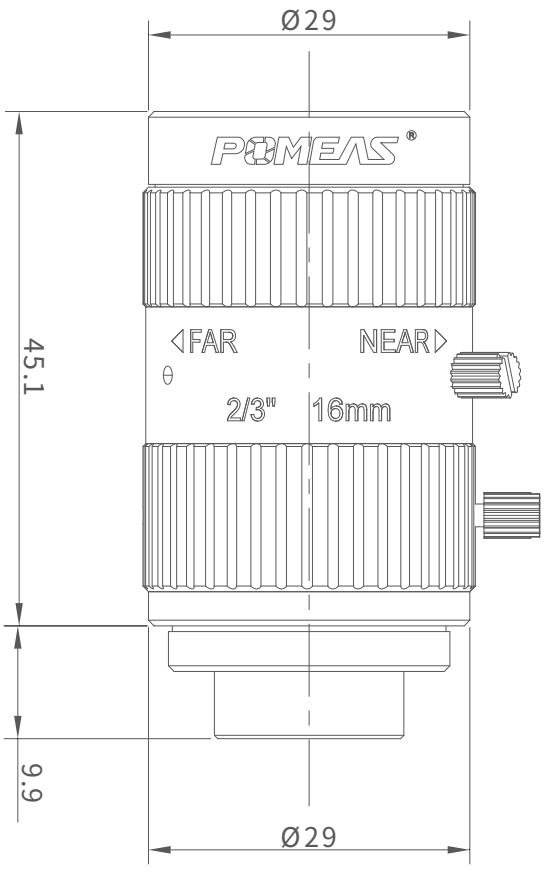
- Supports 10 MP 2/3-inch cameras.
- Manual iris, F2.8-F16, 16 mm focal length.
- High depth of field, low distortion and high resolution.
- Telecentric optical design for machine vision and automation.

PMS-LFEHH-1628M(B) SPECIFICATIONS

Sensor Format			2/3"(11mm)
Wavelength Range			420~1000nm
Focal Length			16mm
Mount			C-Mount
Iris Range			F2.8-16
Angle of View (D x H x V)	2/3"		37.9°×30.7°×23.3°
	1/2"		28.1°×22.6°×17.1°
	1/3"		21.2°×17.0°×12.8°
Object Size (at Minimum Focus)	2/3"		107.9×86.3×64.7mm
	1/2"		78.1×62.5×46.9mm
	1/3"		65.8×52.6×39.5mm
Back Focal Length (in air)			8.63mm
Adjustment	Focus		Manual
	Iris		Manual
Distortion	2/3"		0.29%@y=5.5mm
	1/2"		0.15%@y=4.0mm
	1/3"		0.08%@y=3.0mm
Focusing Range			0.15m~∞
Filter Thread			M27×P0.5
Operating Temperature			-20℃~+60℃

Extension Ring (mm)	Working Distance	Magnification	Field of View			
			H(8.45mm)	V(7.07mm)	H(6.22mm)	V(4.67mm)
0	1000mm	-0.01591X	532.24	442.39	387.09	321.74
	950mm	-0.01675X	505.68	420.30	367.77	305.68
	900mm	-0.01768X	479.18	398.28	348.50	289.66
	850mm	-0.01870X	453.04	376.56	329.48	273.86
	800mm	-0.01986X	426.58	354.56	310.24	257.86
	750mm	-0.02116X	400.27	332.69	291.10	241.96
	700mm	-0.02266X	373.82	310.71	271.87	225.97
	650mm	-0.02439X	347.33	288.69	252.61	209.96
	600mm	-0.02639X	320.91	266.73	233.39	193.99
	550mm	-0.02877X	294.38	244.68	214.10	177.95
	500mm	-0.03160X	268.08	222.82	194.96	162.05
	450mm	-0.03504X	241.71	200.90	175.79	146.11
	400mm	-0.03935X	215.24	178.90	156.53	130.11
	350mm	-0.04486X	188.83	156.95	137.33	114.14
	300mm	-0.05216X	162.39	134.97	118.10	98.16
	250mm	-0.06227X	136.03	113.06	98.93	82.23
	200mm	-0.07734X	109.52	91.03	79.65	66.21
	150mm	-0.10195X	83.08	69.05	60.42	50.22
1	100mm	-0.14288X	59.28	49.27	43.11	35.83

PMS-LFEHH-1628M(B) DIMENSIONS



Unit: mm Scale: 1:1	Model PMS-LFEHH-1628M(B)
View:	Name
0.0 inch 1.0 / 0.0 mm 25.0	Date 2019/11/2
	POMEAS

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