

# High Resolution Large Format FA Lens ML-U MP9 Series

Designed for sensors up to 1", the ML-U MP9 Series is ideal for applications requiring high resolution over large FOVs. The new series comprises of 8 models that provide excellent full field resolution when matched with the latest 9M pixel, 3.6 $\mu$ m pixel pitch sensors.



## Key Features

- 8 Models, Focal Lengths 6mm to 75mm to Line-up
- High Resolution at Center and Image Edge
- Fno 1.4~ 1.8
- Image Format 16.8mm ( 1" Sensor )

## Main Applications

- Electronics: Component and PCB Inspection
- Factory Automation: Food, Glass, Bottle, Pharma, etc.
- Automotive: Mechanical Parts Inspection

## Specifications

Model name	Focal length [mm]	Fno [ $\infty$ ]	Resolution [lp/mm]	Closest distance [m]	Image circle [mm]	TV Distortion [%]
ML-U0618MP9	6mm	1.8	Center : 150	0.1	16.8 (1inch)	-2.408
ML-U0814MP9	8mm	1.4	Comer : 100*	0.1		-2.235
ML-U1214MP9	12.5mm	1.4		0.1		-0.390
ML-U1614MP9	16mm	1.4		0.1		-0.458
ML-U2514MP9	25mm	1.4	Center : 150	0.1		-0.037
ML-U3514MP9	35mm	1.4	Comer : 125	0.15		-0.286
ML-U5016MP9	50mm	1.6		0.3		-0.053
ML-U7518MP9	75mm	1.8		0.8		0.008

\* Image height 70%

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