

Specification

Model	MX-A160M-276	MX-A160K-276
Sensor	Sony CMOS Pregius IMX273	
Sensor size	1/2.9"	
Pixel size (μm)	3.45 x 3.45	
Resolution	1440 x 1080	
Frame Rate (Max.)	276fps	
Color / Mono	Mono Chrome	Color
Scanning method	Full / ROI / Decimation (Horizontal + Vertical) / Reverse (X, Y, All) / Binning (Only mono models)	
Synchronization	Internal(Freerun), External(CXP or Circular), Software trigger via PC	
Trigger mode	Fixed shutter, Pulse width shutter	
Shutter	Global	
Shutter speed	1us ~ 3sec (Exposure Offset 별도)	
Gain	Analog : 0dB ~ 24dB (1x ~ 15.8x) Digital : 0dB ~ 18dB (1x ~ 8x)	
Black level	Analog : 0 ~ 1023 (10bit) / Digital : 0 ~ 1023 (10bit)	
Gamma / LUT	Adjustable LUT (10bit to 10bit)	
Auto white balance	Off / Once / Continuous (Only Color Models)	
Auto gain / exposure	Off / Once / Continuous	
Interface	CoaXpress	
Pixel Data Format	Mono8/10	Mono8/10, Bayer8/10
Minimum illumination	1.0 lx, F1.4, Gain MAX, without IR cut filter	
SNR	34dB	35dB
Function control	GainAuto, ExposureAuto, BalanceWhiteAuto, Acquisition Frame Rate(Adjustable), Shading Correction(FFC), Color Transformation Control, Noise Reduction Filter	
Lens mount	C mount	
Power requirements	DC 12V ~ 24V ± 10% or PoCXP	
Consumption	DC	< 2.6W
	PoCXP	
Weight	< 49g	
Dimension	29 x 29 x 29 mm (without mount)	
Temperature	0℃ ~ 40℃ (Operating) / -5℃ ~ 45℃ (with <20~80% RH) (Storage)	
Vibration / Shock	98m/s ² (10G) / 196m/s ² (20.0G)	
Standard compliancy	CE (EN61326-1:2006년; Class A)	
Conformity	RoHS, WEEE	
Warranty	3 years	