

Model	MC-A040M-523	MC-A040K-523
Sensor size	1/2.9"	
Image sensor	Sony CMOS Pregius	
Resolution	720 x 540	
Pixel size (μm)	6.90 x 6.90	
Max frame rate	2Tap : 396fps / 3Tap : 523fps	
Scanning method	Full ROI (Horizontal + Vertical) / Reverse (x, y, all)	
Synchronization	Internal (Freerun) or External (CC1, Circular or Software)	
Trigger modes	Timed, Trigger width	
GPIO	TTL GPIO 2ch	
Shutter	Global	
Shutter speed	Min. 16.99μs	
Pixel data formats	Mono8/10	Bayer8/10, RGB8
Gain	Analog : 0dB ~ 24dB (1x ~ 15.8x) Digital : 0dB ~ 18dB (1x ~ 8x)	
Black level	Analog : 0 ~ 255 (8bit) or 1023 (10bit) / Digital : 0 ~ 1023 (10bit)	
SNR	B/W : 31dB / Color : 35dB	
Gamma	Adjustable LUT (10bit to 10bit)	
Interface	Mini CameraLink™, PoCL	
Lens mount	C mount	
CameraLink pixel freq.	85MHz	
Power requirements	DC(12V ~ 24V ± 10%) or PoCL	
Weight	<44g	
Dimension	29mm x 29mm x 29mm	
Temperature	-0℃ ~ 40℃ / -10℃ ~ +50℃ (with<20~80%RH)	
Vibration resistance	98m/s ² (10G)	
Shock resistance	490m/s ² (50G)	
Power consumption	<2.1W	
Conformity	CE, RoHS, WEEE	
Warranty	3 years	