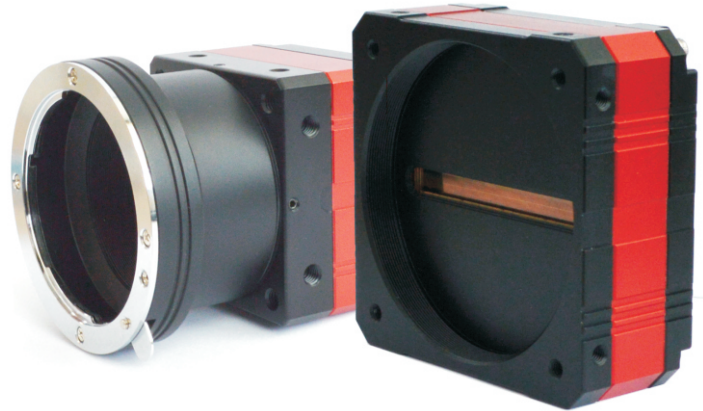


Line Scan Cameras

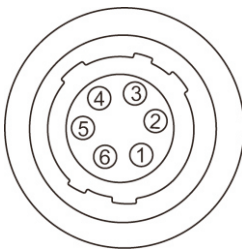


Key Features

2, 4, 8, 16K CMOS Line scan camera
 High sensitivity & Speed
 Standard cameralink interface
 PRNU supported
 CamguideCL

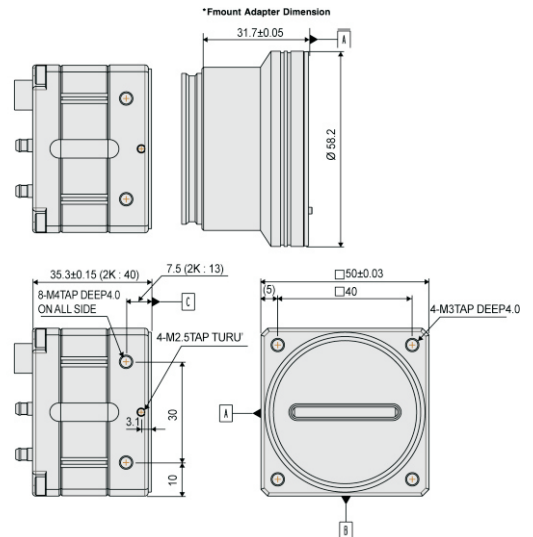
Pin map

Pin	Name	IN/OUT	Description
1	PWR	IN	10.8V~13.2V Input Range
2	PWR	IN	10.8V~13.2V Input Range
3	-	-	-
4	-	-	-
5	GND	IN	Power GND
6	GND	IN	Power GND

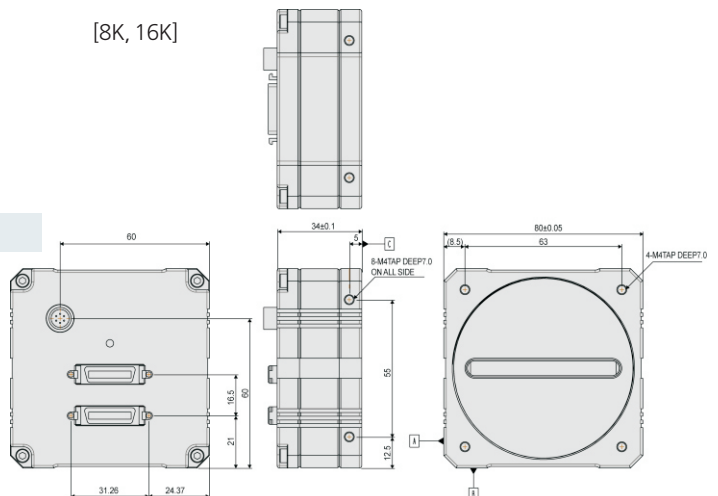


Dimension (Unit : mm)

[2K, 4K]



[8K, 16K]



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CamguideCL : [CamguideCL.zip](#)

Camfile : [Linescan_Camfile.zip](#)

Model (Mono)	LV-M422C	LV-M824C
Image sensor	DR-2X2K-7-LCC	DR-2X4K-7
Pixel number	2,048 x 2	4,096 x 2
Sensor size	Linear CMOS	
Pixel size (μm)	7 x 7	7 x 7
Max. Line rates	141KHz	
Video output type	CameraLink™	
Pixel clock	80MHz	
Gain	0~19dB	
Lens mount	C/F Mount	F Mount
Pixel Data Format	mono 8/10/12	
Gamma	LUT	
Digital I/F	CameraLink Base,Medium	CameraLink Medium, Full
Power requirement	12VDC ± 10%, PoCL	
Connector	SDR x 2/6pin Circular (Power Only)	
Serial I/F	RS-232C	
Temperature	0℃ ~ 45℃	
Operating humidity	Humidity 20% to 80% Non-Condensation	
Housing(W x H x L)	50mm x 50mm x 40mm	50mm x 50mm x 35.3mm
Power consumption	< 2.8W	< 5.3W
Weight	< 188g	< 200g
Alignment accuracy	dθ:<±0.2°	
Conformity	CE, RoHS	
Warranty	3 years	

Model (Mono)	LV-M818C	LV-M8116C
Image sensor	DR-1X8K-7	DR-16K-3.5
Pixel number	8,192 x 1	16,384 x 1
Sensor size		
Pixel size (μm)	7 x 7	3.5 x 3.5
Max. Line rates	75KHz	37.5KHz
Video output type	CameraLink™	
Pixel clock	85MHz	
Gain	0~19dB	
Lens mount	M72 Mount	
Pixel Data Format		
Gamma	LUT	
Digital I/F	CameraLink Medium, Full	
Power requirement	12VDC ± 10%	
Connector	MDR x 2/6pin Circular (Power Only)	
Serial I/F	RS-232C	
Temperature		
Operating humidity	Humidity 20% to 80% Non-Condensation	
Housing(W x H x L)	80mm x 80mm x 34mm	
Power consumption	< 6W	< 5.8W
Weight	< 271g	
Alignment accuracy	dθ: < ±0.2°	
Conformity	CE, RoHS	
Warranty	3 years	