

Line Scanning Camera CameraLink Model

Camera Link Line Scan Camera

Features

- A Large Variety of Line Rates from 2K to 16K
- Single/Dual Line Camera
- Field Update Capabilities



Product Line-Up

Model	Monochrome	FS-B2KU7CLU-C	FS-B2KU7CLU-F	FS-B2KU7CLU-M42	FS-B4KU7CLU-F	FS-B4KU7CLU-M42	FS-B4KU35CLU-C
	Color						
Resolution		2048 × 1	2048 × 1	2048 × 1	4096 × 1	4096 × 1	4096 × 1
Line Rate		80KHz	80KHz	80KHz	80KHz	80KHz	80KHz
Pixel size		7um	7um	7um	7um	7um	3.5um
Sensor		CMOS	CMOS	CMOS	CMOS	CMOS	CMOS
Sensor Type		Single	Single	Single	Single	Single	Single
Mount		C	F	M42	F	M42	C
Camera Link connector		MDRx2	MDRx2	MDRx2	MDRx2	MDRx2	MDRx2

Model	Monochrome	FS-B4KU35CLU-F	FS-B4KU35CLU-M42	FS-B8KU7CLU-M72	FS-B8KU35CLU-F	FS-B8KU35CLU-M42	FS-B16KU35CLU-M72
	Color						
Resolution		4096 × 1	4096 × 1	8192 × 1	8192 × 1	8192 × 1	16384 × 1
Line Rate		80KHz	80KHz	80KHz	80KHz	80KHz	40KHz
Pixel size		3.5um	3.5um	7um	3.5um	3.5um	3.5um
Sensor		CMOS	CMOS	CMOS	CMOS	CMOS	CMOS
Sensor Type		Single	Single	Single	Single	Single	Single
Mount		F	M42	M72	F	M42	M72
Camera Link connector		MDRx2	MDRx2	MDRx2	MDRx2	MDRx2	MDRx2

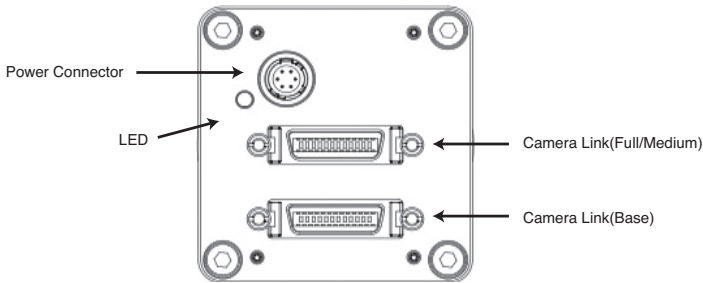
Model	Monochrome	FS-B2KU7DCLU-C	FS-B4KU7DCLU-F	FS-B4KU7DCLU-M42	FS-B8KU7DCLU-M72	FS-B2KU7DCLU-F	FS-B2KU7DCLU-M42
	Color	FS-C2KU7DCLU-C				FS-C2KU7DCLU-F	FS-C2KU7DCLU-M42
Resolution		2048 × 2	4096 × 2	4096 × 2	8192 × 2	2048 × 2	2048 × 2
Line Rate		160KHz/80KHz	160KHz	160KHz	160KHz	160KHz/80KHz	160KHz/80KHz
Pixel size		7um	7um	7um	7um	7um	7um
Sensor		CMOS	CMOS	CMOS	CMOS	CMOS	CMOS
Sensor Type		Dual	Dual	Dual	Dual	Dual	Dual
Mount		C	F	M42	M72	F	M42
Camera Link connector		MDRx2	MDRx2	MDRx2	MDRx2	MDRx2	MDRx2

Model	Monochrome	FS-B2KU7DCLU-C		
	Color	FS-C4KU7DCLU-F	FS-C4KU7DCLU-M42	FS-C8KU7DCLU-M72
Resolution		4096 × 2	4096 × 2	8192 × 2
Line Rate		80KHz	80KHz	40KHz
Pixel size		7um	7um	7um
Sensor		CMOS	CMOS	CMOS
Sensor Type		Dual	Dual	Dual
Mount		F	M42	M72
Camera Link connector		MDRx2	MDRx2	MDRx2

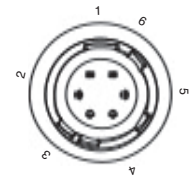
Line Scanning Camera

External Connector Specification

External Connectors	Camera Link Connector: MDR, Power supply: HR10A-7R-6PB(Hirose) or equivalent
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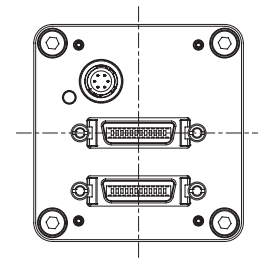
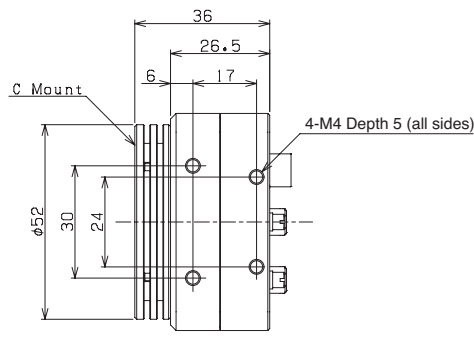
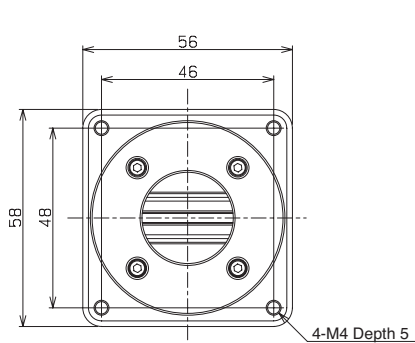
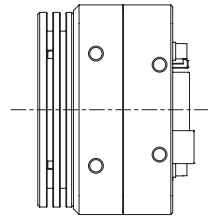
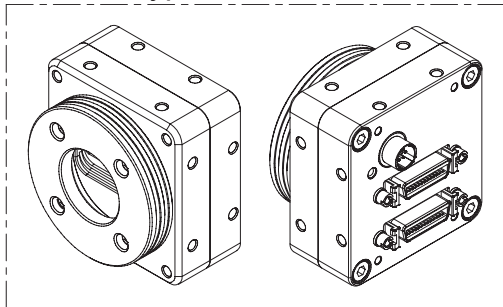
Pin No.	Signal name	IN/OUT	Voltage
1	+12V	IN	+12V
2	+12V	IN	+12V
3	+12V	IN	+12V
4	GND		
5	GND		
6	GND		



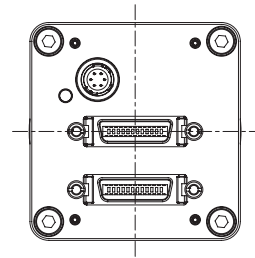
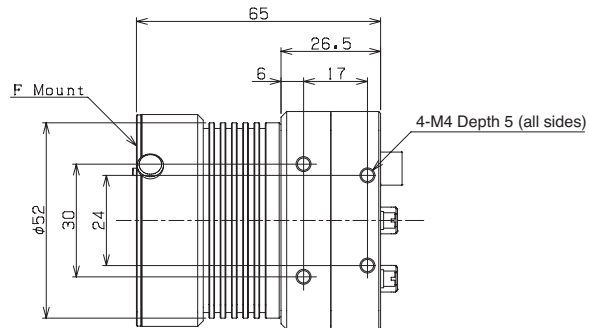
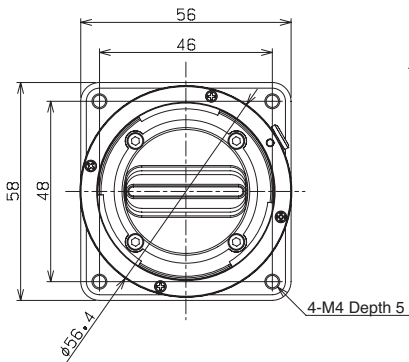
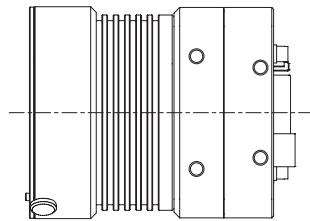
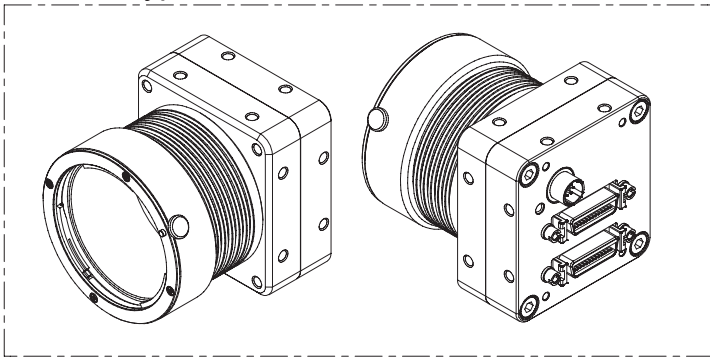
*Please use HR10A-7P-6S or equivalent for the cable
 *Differed by models. Please see below specifications.

Drawing Dimension

C Mount Type

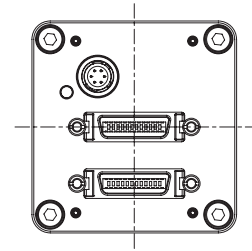
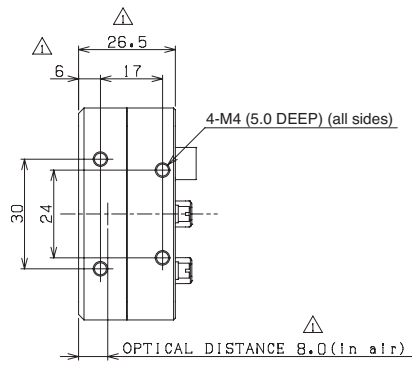
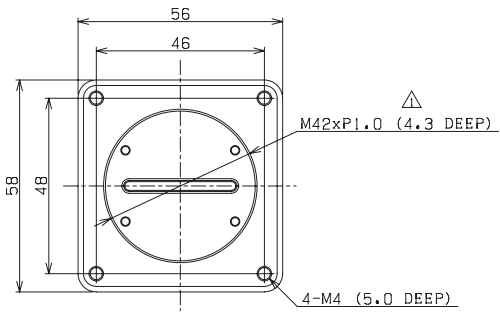
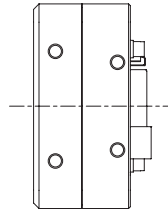
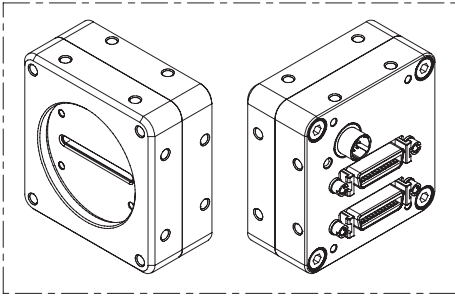


F Mount Type

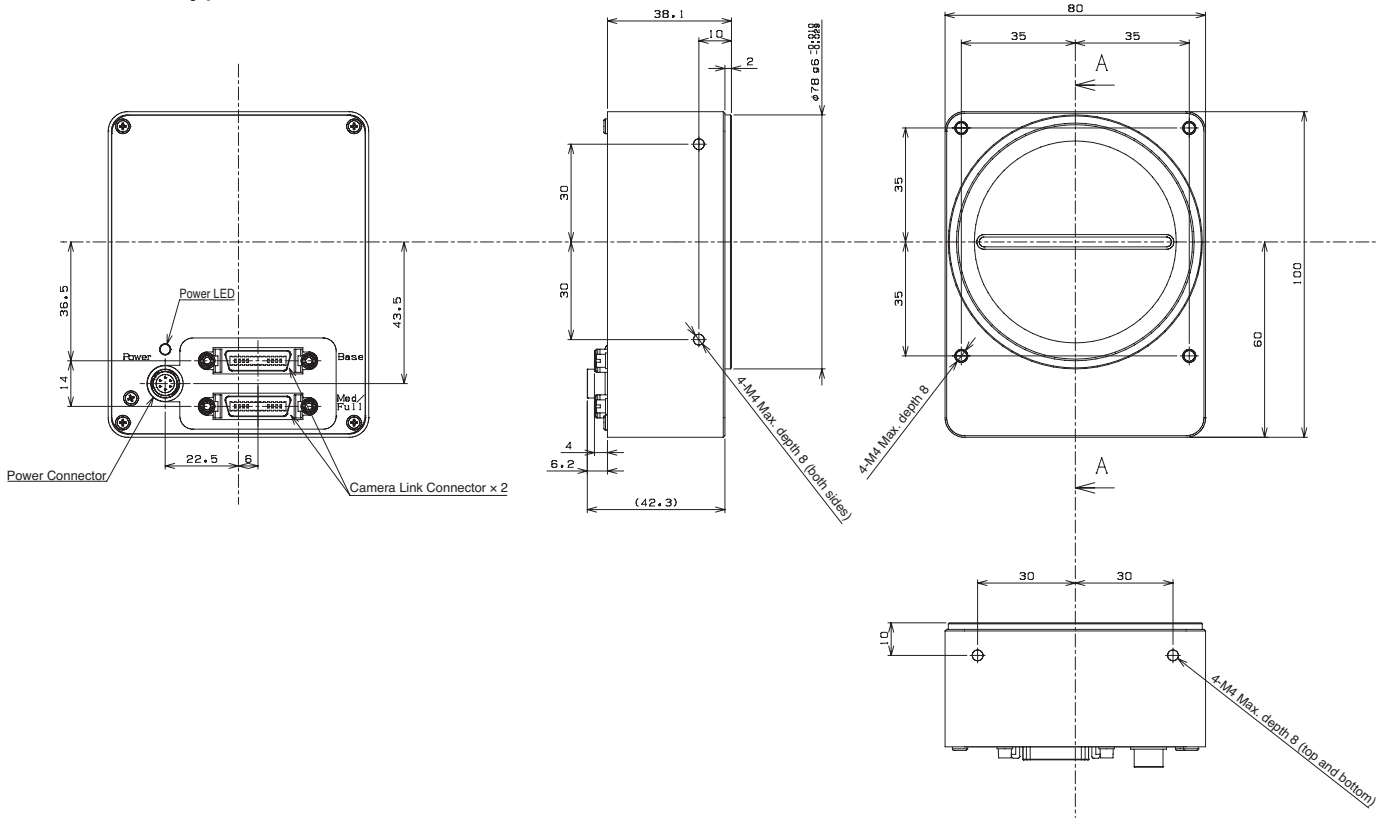


Line Scanning Camera

M42 Mount Type



M72 Mount Type



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