

Proximity LineCamera

Model Name

CORETEC INC.

CLI - 6 M 190 CL - 11 - CX - RB - 2CL - ENC

Option

Series Name		Resolution	
CLI	Standard	6	600dpi (41.65 μm)
CLH	High Speed	3	300dpi (83.3 μm)

Scan Width		CLI		CLH	
190	192mm				
285	288mm				
385	385mm	◎	◎		
480	481mm				
575	577mm				
670	674mm				
770	770mm	◎	◎		
865	866mm				
940	939mm				
1060	1059mm				
1155	1155mm	◎	◎		
1250	1252mm	○			
1345	1348mm	○			
1445	1444mm	○			
1540	1541mm	◎	◎		
1635	1637mm				
1730	1733mm				
1825	1830mm				
1920	1926mm				
2020	2022mm				
2115	2119mm				
2210	2215mm				
2310	2311mm				

Coaxial Lighting Mount

None	Standard
CX	Supported

※"CX" only supports working distance "17".
 ※The working distance from the coaxial illumination mirror is about 5 mm.

Oblique Lighting Mount

None	Base Side Mount
RB	Cover Side Mount

※Regarding to "Base side" and "Cover side", please see below diagram.

CameraLink Output

None	1 output
2CL	2 outputs
3CL	3 outputs

Encoder Input Port

None	No Port
ENC	With Port

※External synchronization is possible via the CC1 signal, even if there is no input port.

Working Distance

11	10.3~11.3mm
17	13.6~17.1mm

※Working distance varies slightly depending on scan width.
 ※Lens cover presence and its mounting differs depending on scan width.
 Please check the details on the following pages.

Standard, Semi-standard and Custom products

◎ : Standard
 ○ : Semi-standard
 None : Custom

Standard and semi-standard products have different delivery dates and price settings. Please contact us for details.

Resolution to 150dpi, 100dpi or 75dpi

It is possible to modify the resolution from 300dpi to 150dpi, 100dpi or 75dpi by changing the software inside 300dpi line camera. Please contact us for details such as specifications and cable connections.

Model Name examples

- CLI-6M385CL-11
Resolution : 600dpi, Scan Width : 385mm, W.D. : 11
- CLI-6M1250CL-17-CX-ENC
Resolution : 600dpi, Scan Width : 1252mm, W.D. : 17
Coaxial Lighting : Compatible
Encoder Input Port : Included

Diagram of LineCamera



Proximity LineCamera Standard type

CORETEC INC.

Specification list

■W.D : 11mm type

Standard/ Semi Standard	Model Name	Scan Width	Resolution	Pixel Size	Line Rate	Scan Speed	Total Pixels interpolated *1)	Lens Cover	Working Distance	Focal Depth	Data Output Format	No. of CameraLink Connectors	Data Output (bit)	Size Width	Size Height	Size Depth	Weight (kg) *3)	Power Consumption	Remarks												
◎	CLI-6M190CL-11	192mm	600dpi	41.65µm	12.5kHz 80µs/line	0.52m/sec *2)	4,624	Glass	11.0mm	±0.3mm	Base-2TAP-60MHz	1	8 (10 and 12bit are available)	310mm	149mm	43mm	2.4	5.0	Cameras with image width of 1,000mm or more have joints between built-in lens units. Resolution may be reduced at the joints.												
	6,936	Base-2TAP-60MHz					1				340mm	2.7		7.0																	
	9,248	Base-2TAP-60MHz					1				435mm	3.5		10.0																	
	11,560	Medium-4TAP-60MHz					2				580mm	4.5		12.0																	
	13,872	Medium-4TAP-60MHz					2				630mm	5		13.0																	
	16,184	Medium-4TAP-60MHz					2				725mm	5.5		15.0																	
	18,496	Medium-4TAP-60MHz					2				820mm	6.5		17.0																	
	20,808	Full-8TAP-60MHz					2				915mm	7		18.0																	
	22,544	Full-8TAP-60MHz					2				1,015mm	7.7		22.0																	
	25,432	Full-8TAP-60MHz					2				1,110mm	8.3		25.0																	
	27,744	Full-8TAP-60MHz					2				1,205mm	9		27.0																	
	30,056	Full-8TAP-60MHz					2				1,300mm	10		30.0																	
	32,368	Full-8TAP-60MHz					2				1,400mm	10.6		32.0																	
	34,680	Full-8TAP-60MHz					2				1,495mm	11		35.0																	
	36,992	Full-8TAP-60MHz					2				1,590mm	12		37.0																	
	39,304	Full-8TAP-60MHz					2				1,685mm	13		40.0																	
	41,616	Full-8TAP-80MHz					2				1,785mm	13.7		42.0																	
	43,928	Full-8TAP-80MHz					2				1,880mm	14.3		45.0																	
	46,240	Full-8TAP-80MHz					2				1,975mm	15		47.0																	
	48,552	Full-8TAP-80MHz					2				2,070mm	15.6		49.0																	
	50,864	Full-10TAP-80MHz					2				2,165mm	16.3		51.0																	
	53,176	Full-10TAP-80MHz					2				2,265mm	17		53.0																	
	55,488	Full-10TAP-80MHz					2				2,360mm	17.7		55.0																	
	◎	CLI-6M1155CL-11					1,155mm				300dpi	83.3µm		23.8kHz 42µs/line			2m/sec *2)	15,080		Polycarbonate	11.3mm	±0.5mm	Full-8TAP-60MHz	2	8 (10bit is custom- designed)	1,300mm	147mm	45.5mm	10	30.0	For cameras with a large number of total pixels, divided CameraLink output is available as option. Please contact us.
16,240		Full-8TAP-60MHz	2	1,400mm	10.6	32.0																									
17,400		Full-8TAP-60MHz	2	1,495mm	11	35.0																									
18,560		Full-8TAP-60MHz	2	1,590mm	12	37.0																									
19,720		Full-8TAP-80MHz	2	1,685mm	13	40.0																									
20,880		Full-8TAP-80MHz	2	1,785mm	13.7	42.0																									
22,040		Full-8TAP-80MHz	2	1,880mm	14.3	45.0																									
23,200		Full-8TAP-80MHz	2	1,975mm	15	47.0																									
24,360		Full-8TAP-80MHz	2	2,070mm	15.6	49.0																									
25,520		Full-8TAP-80MHz	2	2,165mm	16.3	51.0																									
26,680		Full-10TAP-80MHz	2	2,265mm	17	53.0																									
27,840		Full-10TAP-80MHz	2	2,360mm	17.7	55.0																									
◎		CLI-3M190CL-11	192mm	300dpi	83.3µm	23.8kHz 42µs/line	2m/sec *2)	2,320	Glass	11.0mm			±0.5mm		Base-2TAP-60MHz	1		8 (10 and 12bit are available)	310mm				149mm	43mm		2.4			5.0	Cameras with image width of 1,000mm or more have joints between built-in lens units. Resolution may be reduced at the joints.	
		3,480	Base-2TAP-60MHz					1							340mm	2.7			7.0												
		4,640	Base-2TAP-60MHz					1							435mm	3.5			10.0												
		5,800	Medium-4TAP-60MHz					2							580mm	4.5			12.0												
		6,960	Medium-4TAP-60MHz					2							630mm	5			13.0												
		8,120	Medium-4TAP-60MHz					2							725mm	5.5			15.0												
		9,280	Medium-4TAP-60MHz					2							820mm	6.5			17.0												
		10,440	Full-8TAP-60MHz					2							915mm	7			18.0												
		11,312	Full-8TAP-60MHz					2							1,015mm	7.7			22.0												
		12,760	Full-8TAP-60MHz					2							1,110mm	8.3			25.0												
		13,920	Full-8TAP-60MHz					2							1,205mm	9			27.0												
		15,080	Full-8TAP-60MHz					2							1,300mm	10			30.0												
	16,240	Full-8TAP-60MHz	2					1,400mm			10.6	32.0																			
	17,400	Full-8TAP-60MHz	2					1,495mm			11	35.0																			
	18,560	Full-8TAP-60MHz	2					1,590mm			12	37.0																			
	19,720	Full-8TAP-80MHz	2					1,685mm			13	40.0																			
	20,880	Full-8TAP-80MHz	2					1,785mm			13.7	42.0																			
	22,040	Full-8TAP-80MHz	2					1,880mm			14.3	45.0																			
	23,200	Full-8TAP-80MHz	2					1,975mm			15	47.0																			
	24,360	Full-8TAP-80MHz	2					2,070mm			15.6	49.0																			
	25,520	Full-8TAP-80MHz	2					2,165mm			16.3	51.0																			
	26,680	Full-10TAP-80MHz	2					2,265mm			17	53.0																			
	27,840	Full-10TAP-80MHz	2					2,360mm			17.7	55.0																			

◎= Standard, ○= Semi-standard

*2) Image V/H 1 : 1

*1) End pix is 0 output

*3) The weight and power consumption are estimated from the length using extrapolation or interpolation.

End 3 pix is 0 output for 940 model

The specifications are subject to change without notice.

Proximity LineCamera Standard type

CORETEC INC.

Specification list

■W.D : 17mm type

Standard/ Semi Standard	Model Name	Scan Width	Resolution	Pixel Size	Line Rate	Scan Speed	Total Pixels interpolated *1)	Lens Cover	Working Distance	Focal Depth	Data Output Format	No. of CameraLink Connectors	Data Output (bit)	Size Width	Size Height	Size Depth	Weight (kg) *3)	Power Consumption	Remarks
◎	CLI-6M190CL-17	192mm	600dpi	41.65µm	12.5kHz 80µs/line	0.52m/sec *2)	4624	-	17.1mm	±0.3mm	Base-2TAP-60MHz	1	8 (10 and 12bit are available)	310mm	148.2mm	43mm	2.4	5.0	Cameras with image width of 1,000mm or more have joints between built-in lens units. Resolution may be reduced at the joints. For cameras with a large number of total pixels, divided CameraLink output is available as option. Please contact us.
	CLI-6M285CL-17	288mm					6936				Base-2TAP-60MHz	1		340mm			2.7	7.0	
	CLI-6M385CL-17	385mm					9248				Base-2TAP-60MHz	1		435mm			3.5	10.0	
	CLI-6M480CL-17	481mm					11560				Medium-4TAP-60MHz	2		580mm			4.5	12.0	
	CLI-6M575CL-17	577mm					13872				Medium-4TAP-60MHz	2		630mm			5	13.0	
	CLI-6M670CL-17	674mm					16184				Medium-4TAP-60MHz	2		725mm			5.5	15.0	
	CLI-6M770CL-17	770mm					18496				Medium-4TAP-60MHz	2		820mm			6.5	17.0	
	CLI-6M865CL-17	866mm					20808				Full-8TAP-60MHz	2		915mm			7	18.0	
	CLI-6M940CL-17	939mm					22544				Full-8TAP-60MHz	2		1,015mm			7.7	22.0	
	CLI-6M1060CL-17	1,059mm					25432				Full-8TAP-60MHz	2	1,110mm	8.3	25.0				
	CLI-6M1155CL-17	1,155mm					27744				Full-8TAP-60MHz	2	1,205mm	9	27.0				
	CLI-6M1250CL-17	1,252mm					30056				Full-8TAP-60MHz	2	1,300mm	10	30.0				
	CLI-6M1345CL-17	1,348mm					32368				Full-8TAP-60MHz	2	1,400mm	10.6	32.0				
	CLI-6M1445CL-17	1,444mm					34680				Full-8TAP-60MHz	2	1,495mm	11	35.0				
	CLI-6M1540CL-17	1,541mm					36992				Full-8TAP-60MHz	2	1,590mm	12	37.0				
	CLI-6M1635CL-17	1,637mm					39304				Full-8TAP-80MHz	2	1,685mm	13	40.0				
	CLI-6M1730CL-17	1,733mm					41616				Full-8TAP-80MHz	2	1,785mm	13.7	42.0				
	CLI-6M1825CL-17	1,830mm					43928				Full-8TAP-80MHz	2	1,880mm	14.3	45.0				
	CLI-6M1920CL-17	1,926mm					46240				Full-8TAP-80MHz	2	1,975mm	15	47.0				
	CLI-6M2020CL-17	2,022mm					48552				Full-8TAP-80MHz	2	2,070mm	15.6	49.0				
	CLI-6M2115CL-17	2,119mm					50864				Full-10TAP-80MHz	2	2,165mm	16.3	51.0				
CLI-6M2210CL-17	2,215mm	53176	Full-10TAP-80MHz	2	2,265mm	17	53.0												
CLI-6M2310CL-17	2,311mm	55488	Full-10TAP-80MHz	2	2,360mm	17.7	55.0												
Standard/ Semi Standard	Model Name	Scan Width	Resolution	Pixel Size	Line Rate	Scan Speed	Total Pixels interpolated *1)	Lens Cover	Working Distance	Focal Depth	Data Output Format	No. of CameraLink Connectors	Data Output (bit)	Size Width	Size Height	Size Depth	Weight (kg) *3)	Power Consumption	Remarks
◎	CLI-3M190CL-17	192mm	300dpi	83.3µm	23.8kHz 42µs/line	2m/sec *2)	2320	-	17.1mm	±0.5mm	Base-2TAP-60MHz	1	8 (10 and 12bit are available)	310mm	148.2mm	43mm	2.4	5.0	Cameras with image width of 1,000mm or more have joints between built-in lens units. Resolution may be reduced at the joints. For cameras with a large number of total pixels, divided CameraLink output is available as option. Please contact us.
	CLI-3M285CL-17	288mm					3480				Base-2TAP-60MHz	1		340mm			2.7	7.0	
	CLI-3M385CL-17	385mm					4640				Base-2TAP-60MHz	1		435mm			3.5	10.0	
	CLI-3M480CL-17	481mm					5800				Medium-4TAP-60MHz	2		580mm			4.5	12.0	
	CLI-3M575CL-17	577mm					6960				Medium-4TAP-60MHz	2		630mm			5	13.0	
	CLI-3M670CL-17	674mm					8120				Medium-4TAP-60MHz	2		725mm			5.5	15.0	
	CLI-3M770CL-17	770mm					9280				Medium-4TAP-60MHz	2		820mm			6.5	17.0	
	CLI-3M865CL-17	866mm					10440				Full-8TAP-60MHz	2		915mm			7	18.0	
	CLI-3M940CL-17	939mm					11312				Full-8TAP-60MHz	2		1,015mm			7.7	22.0	
	CLI-3M1060CL-17	1,059mm					12760				Full-8TAP-60MHz	2	1,110mm	8.3	25.0				
	CLI-3M1155CL-17	1,155mm					13920				Full-8TAP-60MHz	2	1,205mm	9	27.0				
	CLI-3M1250CL-17	1,252mm					15080				Full-8TAP-60MHz	2	1,300mm	10	30.0				
	CLI-3M1345CL-17	1,348mm					16240				Full-8TAP-60MHz	2	1,400mm	10.6	32.0				
	CLI-3M1445CL-17	1,444mm					17400				Full-8TAP-60MHz	2	1,495mm	11	35.0				
	CLI-3M1540CL-17	1,541mm					18560				Full-8TAP-60MHz	2	1,590mm	12	37.0				
	CLI-3M1635CL-17	1,637mm					19720				Full-8TAP-80MHz	2	1,685mm	13	40.0				
	CLI-3M1730CL-17	1,733mm					20880				Full-8TAP-80MHz	2	1,785mm	13.7	42.0				
	CLI-3M1825CL-17	1,830mm					22040				Full-8TAP-80MHz	2	1,880mm	14.3	45.0				
	CLI-3M1920CL-17	1,926mm					23200				Full-8TAP-80MHz	2	1,975mm	15	47.0				
	CLI-3M2020CL-17	2,022mm					24360				Full-8TAP-80MHz	2	2,070mm	15.6	49.0				
	CLI-3M2115CL-17	2,119mm					25520				Full-8TAP-80MHz	2	2,165mm	16.3	51.0				
CLI-3M2210CL-17	2,215mm	26680	Full-10TAP-80MHz	2	2,265mm	17	53.0												
CLI-3M2310CL-17	2,311mm	27840	Full-10TAP-80MHz	2	2,360mm	17.7	55.0												

◎= Standard, ○= Semi-standard

*2) Image V/H 1 : 1

*1) End pix is 0 output
End 3 pix is 0 output for 940 model

*3) The weight and power consumption are estimated from the length using extrapolation or interpolation.

The specifications are subject to change without notice.

Proximity LineCamera High speed type

CORETEC INC.

Specification list

■W.D : 11mm type

Standard/ Semi Standard	Model Name	Scan Width	Resolution	Pixel Size	Line Rate	Scan Speed	Total Pixels interpolated *1)	Lens Cover	Working Distance	Focal Depth	Data Output Format	No. of CameraLink Connectors	Data Output (bit)	Size Width	Size Height	Size Depth	Weight (kg) *3)	Power Consumption	Remarks	
	CLH-6M190CL-11	192mm	600dpi	41.65μm	23.8kHz 42μs/line	0.992m/sec *2)	4,624	Glass	11.0mm	±0.3mm	Base-2TAP-80MHz	1	8	310mm	149mm	43mm	2.4	13.0	Cameras with image width of 1,000mm or more have joints between built-in lens units. Resolution may be reduced at the joints.	
◎	CLH-6M385CL-11	385mm					9,248				Medium-4TAP-80MHz			475mm			3.5	16.0		
	CLH-6M670CL-11	674mm					16,184				Full-8TAP-80MHz			2			820mm	5.5		27.0
◎	CLH-6M770CL-11	770mm					18,496										820mm	6.5		34.0
	CLH-6M865CL-11	866mm					20,808										1,030mm	7		38.0
	CLH-6M1060CL-11	1,059mm					25,432										1,100mm	8.3		48.0
◎	CLH-6M1155CL-11	1,155mm			22.2kHz 45μs/line	0.925m/sec *2)	27,744					1,205mm					9	54.0		
	CLH-6M1250CL-11	1,252mm			20.4kHz 49μs/line	0.85m/sec *2)	30,056					1,300mm					10	60.0		
	CLH-6M1345CL-11	1,348mm			19.2kHz 52μs/line	0.801m/sec *2)	32,368				Polycarbonate	1,400mm		10.6			64.0			
	CLH-6M1445CL-11	1,444mm			17.8kHz 56μs/line	0.743m/sec *2)	34,680					1,495mm		11			68.0			
◎	CLH-6M1540CL-11	1,541mm			16.9kHz 59μs/line	0.706m/sec *2)	36,992					1,590mm		12			73.0			
Standard/ Semi Standard	Model Name	Scan Width	Resolution	Pixel Size	Line Rate	Scan Speed	Total Pixels interpolated *1)	Lens Cover	Working Distance	Focal Depth	Data Output Format	No. of CameraLink Connectors	Data Output (bit)	Size Width	Size Height	Size Depth	Weight (kg) *3)	Power Consumption	Remarks	
	CLH-3M190CL-11	192mm	300dpi	83.3μm	41.6kHz 24μs/line	3.46m/sec *2)	2,320	Glass	11.0mm	±0.5mm	Base-2TAP-80MHz	1	8	310mm	149mm	43mm	2.4	13.0	Cameras with image width of 1,000mm or more have joints between built-in lens units. Resolution may be reduced at the joints.	
◎	CLH-3M385CL-11	385mm					4,640				Medium-4TAP-80MHz			475mm			3.5	16.0		
	CLH-3M670CL-11	674mm					8,120				Full-8TAP-80MHz			2			820mm	5.5		27.0
◎	CLH-3M770CL-11	770mm					9,280										820mm	6.5		34.0
	CLH-3M865CL-11	866mm					10,440										1,030mm	7		38.0
	CLH-3M1060CL-11	1,059mm					12,760										1,100mm	8.3		48.0
◎	CLH-3M1155CL-11	1,155mm			13,920	1,205mm	9					54.0								
	CLH-3M1250CL-11	1,252mm			40.0kHz 25μs/line	3.33m/sec *2)	15,080					1,300mm					10	60.0		
	CLH-3M1345CL-11	1,348mm			37.0kHz 27μs/line	3.08m/sec *2)	16,240				Polycarbonate	1,400mm		10.6			64.0			
	CLH-3M1445CL-11	1,444mm			34.5kHz 29μs/line	2.87m/sec *2)	17,400					1,495mm		11			68.0			
◎	CLH-3M1540CL-11	1,541mm			33.3kHz 30μs/line	2.78m/sec *2)	18,560					1,590mm		12			73.0			

*2) Image V/H 1 : 1

*1) End pix is 0 output

*3) The weight and power consumption are estimated from the length using extrapolation or interpolation.

Proximity LineCamera High speed type

CORETEC INC.

Specification list

■W.D : 17mm type

Standard/ Semi Standard	Model Name	Scan Width	Resolution	Pixel Size	Line Rate	Scan Speed	Total Pixels interpolated *1)	Lens Cover	Working Distance	Focal Depth	Data Output Format	No. of CameraLink Connectors	Data Output (bit)	Size Width	Size Height	Size Depth	Weight (kg) *3)	Power Consumption	Remarks	
	CLH-6M190CL-17	192mm	600dpi	41.65μm	23.8kHz 42μs/line	0.992m/sec *2)	4,624	-	17.1mm	±0.3mm	Base-2TAP-80MHz	1	8	310mm	148.2mm	43mm	2.4	13.0	Cameras with image width of 1,000mm or more have joints between built-in lens units. Resolution may be reduced at the joints.	
◎	CLH-6M385CL-17	385mm					9,248				Medium-4TAP-80MHz			3.5			16.0			
	CLH-6M670CL-17	674mm					16,184				Full-8TAP-80MHz			2			820mm	5.5		27.0
◎	CLH-6M770CL-17	770mm					18,496										820mm	6.5		34.0
	CLH-6M865CL-17	866mm					20,808										1,030mm	7		38.0
	CLH-6M1060CL-17	1,059mm					25,432										1,100mm	8.3		48.0
◎	CLH-6M1155CL-17	1,155mm			22.2kHz 45μs/line	0.925m/sec *2)	27,744					1,205mm					9	54.0		
	CLH-6M1250CL-17	1,252mm			20.4kHz 49μs/line	0.85m/sec *2)	30,056					1,300mm					10	60.0		
	CLH-6M1345CL-17	1,348mm			19.2kHz 52μs/line	0.801m/sec *2)	32,368				1,400mm	10.6		64.0						
	CLH-6M1445CL-17	1,444mm			17.8kHz 56μs/line	0.743m/sec *2)	34,680				1,495mm	11		68.0						
◎	CLH-6M1540CL-17	1,541mm			16.9kHz 59μs/line	0.706m/sec *2)	36,992				1,590mm	12		73.0						
Standard/ Semi Standard	Model Name	Scan Width			Resolution	Pixel Size	Line Rate				Scan Speed	Total Pixels interpolated *1)		Lens Cover			Working Distance	Focal Depth		Data Output Format
	CLH-3M190CL-17	192mm	300dpi	83.3μm	41.6kHz 24μs/line	3.46m/sec *2)	2,320	-	17.1mm	±0.5mm	Base-2TAP-80MHz	1	8	310mm	148.2mm	43mm	2.4	13.0	Cameras with image width of 1,000mm or more have joints between built-in lens units. Resolution may be reduced at the joints.	
◎	CLH-3M385CL-17	385mm					4,640				Medium-4TAP-80MHz			3.5			16.0			
	CLH-3M670CL-17	674mm					8,120				Full-8TAP-80MHz			2			820mm	5.5		27.0
◎	CLH-3M770CL-17	770mm					9,280										820mm	6.5		34.0
	CLH-3M865CL-17	866mm					10,440										1,030mm	7		38.0
	CLH-3M1060CL-17	1,059mm					12,760										1,100mm	8.3		48.0
◎	CLH-3M1155CL-17	1,155mm			13,920	1,205mm	9					54.0								
	CLH-3M1250CL-17	1,252mm			40.0kHz 25μs/line	3.33m/sec *2)	15,080					1,300mm					10	60.0		
	CLH-3M1345CL-17	1,348mm			37.0kHz 27μs/line	3.08m/sec *2)	16,240				1,400mm	10.6		64.0						
	CLH-3M1445CL-17	1,444mm			34.5kHz 29μs/line	2.87m/sec *2)	17,400				1,495mm	11		68.0						
◎	CLH-3M1540CL-17	1,541mm			33.3kHz 30μs/line	2.78m/sec *2)	18,560				1,590mm	12		73.0						

*2) Image V/H 1 : 1

*1) End pix is 0 output

*3) The weight and power consumption are estimated from the length using extrapolation or interpolation.