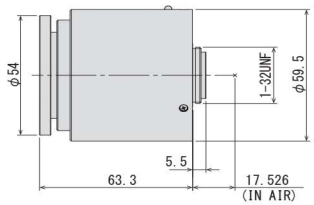
NEW Lens Connect

BH Series

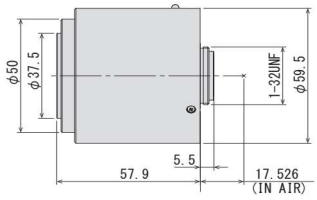
1/1.1" 12 MEGAPIXEL FIXED FOCAL REMOTE CONTROL LENS

Model No.	Format	Focal Length	F No.	Working Distance	Weight
DL0828UC-MPY	1/1.1"	8mm	F2.8	0.1m-Inf.	178g
DL1224UC-MPY		12mm	F2.4	0.1m-Inf.	163g
DL1623UC-MPY		16mm	F2.3	0.11m-Inf.	173g
DL2523UC-MPY		25mm	F2.3	0.12m-Inf.	166g
DL3525UC-MPY		35mm	F2.5	0.16m-Inf.	160g
DL5028UC-MPY		50mm	F2.8	0.2m-Inf.	173g

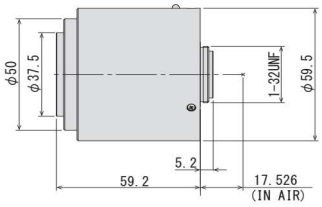
DL0828UC-MPY



DL1224UC-MPY



DL1623UC-MPY



		DL0828UC-MPY						DL1224UC-MPY						DL1623UC-MPY					
Focal Length		8mm						12mm						16mm					
Max. Image Format		ϕ 14.4mm						ϕ 14.4mm						ϕ 14.4mm					
Operation Range	Iris	F2.8 - F16.0						F2.4 - F16.0						F2.3 - F16.0					
	Focus	0.1m - Inf.						0.1m - Inf.						0.11m - Inf.					
Control	Iris	Motorized						Motorized						Motorized					
	Focus	Motorized						Motorized						Motorized					
Angle of View	D	1/1.1"	80.4°	2/3"	68.3°	1/1.8"	58.1°	1/1.1"	60.2°	2/3"	49.7°	1/1.8"	41.5°	1/1.1"	47.0°	2/3"	38.2°	1/1.8"	31.6°
	H		69.4°		57.0°		47.8°		50.5°		40.6°		33.6°		38.9°		31.0°		25.5°
	V		53.8°		44.1°		36.6°		38.1°		31.0°		25.5°		29.0°		23.4°		19.2°
Operating Temperature		-20°C ~ +60°C						-20°C ~ +60°C						-20°C ~ +60°C					

	DL0828UC-MPY						DL1224UC-MPY						DL1623UC-MPY					
Optical Distortion	1/1.1"	0.0%	2/3"	-1.6%	1/1.8"	-1.7%	1/1.1"	-0.1%	2/3"	-1.0%	1/1.8"	-1.0%	1/1.1"	0.0%	2/3"	-0.7%	1/1.8"	-0.7%
Back Focal Length	13.0mm (In Air)						14.6mm (In Air)						14.3mm (In Air)					
Flange Back Length	17.526mm (In Air)						17.526mm (In Air)						17.526mm (In Air)					
Mount	C-Mount						C-Mount						C-Mount					
Filter Size	M52 P=0.75mm						M35.5 P=0.5mm						M35.5 P=0.5mm					
Weight	178g						163g						173g					

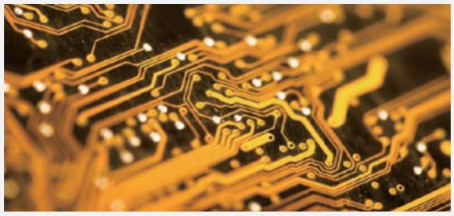
	DL0828UC-MPY	DL1224UC-MPY	DL1623UC-MPY
Control Interface	USB2.0	USB2.0	USB2.0
Power mode	Bus powerd (500mA)	Bus powerd (500mA)	Bus powerd (500mA)
Connector	USB TypeA	USB TypeA	USB TypeA

1/1.1" 12 MEGAPIXEL FIXED FOCAL REMOTE CONTROL LENS

- Motorized FA lens that can be operated easily with a single USB cable
- Focus can be controlled via USB
- Fast speed focus control
- Ultra-high-resolution lens, suitable for 1/1.1" 12 megapixel sensor
- All models are designed for minimum distortion, which benefits various machine vision applications

1/1.1" | 12MP | MOTORIZED | FIX | FLOATING

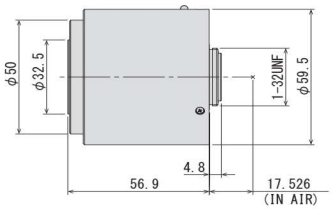
Remote adjustment in out-of-reach places



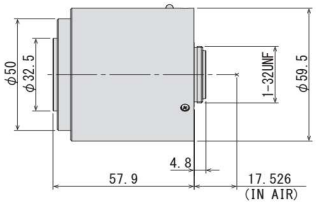
Make precise adjustments to lenses after installation

Easily change the focus point for workpieces at different heights

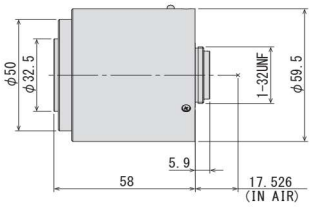
DL2523UC-MPY



DL3525UC-MPY



DL5028UC-MPY



		DL2523UC-MPY						DL3525UC-MPY						DL5028UC-MPY					
Focal Length		25mm						35mm						50mm					
Max. Image Format		ϕ 14.4mm						ϕ 14.4mm						ϕ 14.4mm					
Operation Range	Iris	F2.3 - F16.0						F2.5 - F16.0						F2.8 - F16.0					
	Focus	0.12m - Inf.						0.16m - Inf.						0.2m - Inf.					
Control	Iris	Motorized						Motorized						Motorized					
	Focus	Motorized						Motorized						Motorized					
Angle of View	D	1/1.1"	31.0°	2/3"	24.8°	1/1.8"	20.4°	1/1.1"	22.5°	2/3"	17.9°	1/1.8"	14.7°	1/1.1"	16.3°	2/3"	12.9°	1/1.8"	10.6°
	H		25.3°		20.0°		16.4°		18.2°		14.3°		11.7°		13.2°		10.4°		8.5°
	V		18.7°		15.1°		12.3°		13.4°		10.8°		8.8°		9.7°		7.8°		6.4°
Operating Temperature		-20°C ~ +60°C						-20°C ~ +60°C						-20°C ~ +60°C					

	DL2523UC-MPY						DL3525UC-MPY						DL5028UC-MPY					
Optical Distortion	1/1.1"	0.1%	2/3"	-0.1%	1/1.8"	-0.1%	1/1.1"	0.0%	2/3"	0.0%	1/1.8"	0.0%	1/1.1"	0.0%	2/3"	0.0%	1/1.8"	0.0%
Back Focal Length	14.3mm (In Air)						14.3mm (In Air)						14.2mm (In Air)					
Flange Back Length	17.526mm (In Air)						17.526mm (In Air)						17.526mm (In Air)					
Mount	C-Mount						C-Mount						C-Mount					
Filter Size	M30.5 P=0.5mm						M30.5 P=0.5mm						M30.5 P=0.5mm					
Weight	166g						160g						173g					

	DL2523UC-MPY	DL3525UC-MPY	DL5028UC-MPY
Control Interface	USB2.0	USB2.0	USB2.0
Power mode	Bus powerd (500mA)	Bus powerd (500mA)	Bus powerd (500mA)
Connector	USB TypeA	USB TypeA	USB TypeA