Converter, Extender,Close-up lens

				A4X7.5 A8X12 S4X5.5 S8X8.8	S14X7.3 S16X7.3MD S16X7.3SDA	S12X7.5 S14X7.5	A14X8.5 A16X9.5 A16X9 S16X7 S16X6.7	HA10X5	HA17X7.8 HA18X7.6 HAs18X7.6 HA21X7.8 HSs18X5.5 ZA17X7.6	A18X7.6	A15X8 A17X7.8 A17X9 A18X9 A19X8.7 A20X8.6 S16X7.3SD/68 S17X6.6 S18X6.7 S19X6.5 S20X6.4	A13X6.3 S12X5 S13X4.6	A18X8.5	HA10X5.2 A10X4.8	HA15X8 HA22X7.8 HA23X7.6 ZA22X7.6	A20X8 A22X7.8 A23X7.6	A12X6.8	HA20X7.8	HA20X7.5 HA22X7.3	HA16X6.3
	Front lens diameter			M52×0.75	Φ65	Φ75	Φ80	Φ85					Φ90	Φ95	Φ100			Φ110		Φ95
Tele Converter (TCV)	MODEL NAME	Magnification	Mass(kg)																	
· Focal length is multiplied by the magnification of the converter on the telephoto side. · Zooming possible. · The F-No. on the master lens remains unchanged. · M.O.D. is increased. · Loss of picture edges will occur toward the wide-angle side of the zoom range.	TCV-H85	1.5X	1.10						●											
	TCV-H95		1.00																	●
	TCV-H100		1.00												●					
	TCV-H110		1.10															●	●	
	TCV-75B	1.6X	0.95			●														
	TCV-80B		0.95				●													
	TCV-85C		1.15							●	●	●								
	TCV-90B		0.37										●							
	TCV-100C		1.06													●	●			
Wide Converter(WCV)	WCV-H85	0.8X	1.05						●											
· Focal length is multiplied by the magnification of the converter on the wide side. · Zooming possible. · The F-No. on the master lens remains unchanged. · M.O.D. is decreased.	WCV-H95	0.85X	1.00																	●
	WCV-H100	0.8X	1.05												●					
	WCV-H110		1.10															●		
	WCV-52SC	0.75X	0.25	●																
	WCV-65		0.35		●															
	WCV-75D	0.8X	1.03			●														
	WCV-80D		1.03				●													
	WCV-85D		1.09							●	●	●*1								
	WCV-L85		0.57								●*9									
	WCV-90D		1.01										●							
	WCV-100D		1.09													●				
Wide Attachment(WAT)	WAT-H85	0.7X	0.36						●											
· Converts only the wide end of the lens by the magnification of the attachment. · Zooming not possible. · The F-No. on the master lens remains unchanged. · Focus is adjustable only by the macro lever of master lens located near the lens mount.	WAT-H100		0.53												●					
	WAT-H110		0.59															●		
	WAT-W85	0.83X	0.42					●												
	WAT-W95		0.42											●						
	WAT-75C	0.7X	0.47			●														
	WAT-80C		0.48				●													
	WAT-85C		0.55							●	●	●								
	WAT-90C		0.49										●							
	WAT-95SC		0.41														*7			
	WAT-100C		0.50																	
Fish-eye Attachment(F-AT)	F-ATH85	0.57X	0.36						●											
· Converts only the wide end of the lens by the magnification of the attachment. · Zooming not possible. · The F-No. on the master lens remains unchanged. · Focus is adjustable only by the macro lever of master lens located near the lens mount.	F-ATH100		0.63												●					
	F-ATH110		0.69															●		
	F-AT75C	0.55X	0.54			●														
	F-AT80C		0.55				●													
	F-AT85C		0.62							●	●									
	F-AT90C		0.56										●							
	F-AT95SC		0.48														*7			
	F-AT100C		0.55														●			
Ratio Converter(RCV)16:9↔4:3	RCV-82SC	0.82X	0.25								●*2*6									
· Converts the 4:3 image size of a 16:9 ↔ 4:3 camera to match that of a standard 2/3"4:3 camera. · Zooming possible. · The F-No. on the master lens remains unchanged. · M.O.D. is decreased.																				
2x Extender(AE,SE)	AE20B-2	2X	0.17	Ⓐ			Ⓐ			Ⓐ	Ⓐ	Ⓐ	Ⓐ				Ⓐ	Ⓐ			
· 2x range extender mounts between master lens and camera and doubles the focal length of the master lens. · F-No. is doubled. · includes back focus adjustment.	SE20B-2		0.16	Ⓢ*3	Ⓢ*3	Ⓢ*3	Ⓢ*3				Ⓢ*3	Ⓢ*3								
		Object Distance																		
Close-up Lens(HCL,ECL)	HCL-H8082BSC	0.8m							●*6											
· Close-up lens provides a shorter minimum focusing distance between lens and object. · Ideal for copy stand or other close up work.	HCL-H8095SC														●*7					
	HCL-H80107SC																	●*8		
	HCL-H5085	0.5m							●											
	HCL-H50100														●					
	HCL-H50110																	●		
	ECL-8052	0.8m		●																
	ECL-8072					●*4														
	ECL-8077						●*5													
	ECL-8082									●*6	●*6	●*6								
	ECL-8095												●*7			●*7	●*7			●*10

Ⓐ: For 2/3" lens　　Ⓢ : For 1/2″ lens

*1 : A shade may be generated at four corners on the image when WCV-85C is used with some kinds of camera.　　*2 : RCV-825C is not available with 1/2" lens.

*3 : SE20B-2 is not available with Sony type lens.　*4 : M72×0.75　　*5 : M77×0.75　　*6 : M82×0.75　　*7 M95×1　　*8 : M107×1

*9 : WCV-L85 is not available with A18x7.6.

*10 : An attached ring (ECL-8095-R) is required to install a close-up lens. In this case,the lens hood has to be removed, and shading error may benerated at the wide side.