

**MACRO TO WIDE ANGLE LENS 1 (MWL-1)
COMPATIBLE CHART**

	LENS	GEAR	EXTENSION/ADAPTORS	LENS / PORT	Workable Focal Range	Original FOV	Converted FOV	
N120NIKON	APSC	Nikon AF-S DX Micro NIKKOR 40mm f/2.8G DX	19152 N40G-F	18705 Macro port 45 <i>*Incompatible with wet macro lenses</i>	40mm	39°	150°	
		Nikon AF-S DX NIKKOR 18-55mm f/3.5-5.6G VR II	19144 N1855VRII-Z	18211 Compact port base	18304 Compact port 15 with M67 thread	40-55mm	39° ~ 29°	135° ~ 88°
	FULL FRAME	Nikon AF-S Micro NIKKOR 60mm f/2.8G ED	19121 N60G-F	18701 (*1) Macro port 60	60mm	39°	150°	
<i>*Incompatible with Nikon AF-S Nikkor 105mm f/2.8G</i>								
N120 CANON	APSC	Canon EF 40mm f2.8 STM		18706 (*1) N120 Macro port 12	40mm	37°	135°	
		<i>* Incompatible with Canon EF-S 60mm f2.8 USM</i>						
	FULL FRAME	Canon EF 28-80mm f/3.5-5.6 II	19558 C2880f3.5II-Z	21120 Extension ring 20 with lock	18705 Macro port 45	66-80mm	36° ~ 30°	120° ~ 93°
FULL FRAME	Canon EF 28-80mm f/3.5-5.6 V USM	19559 C2880f3.5V-Z	21120 Extension ring 20 with lock	18705 Macro port 45	63-80mm	37.5° ~ 30°	130° ~ 93°	
NB5 M 4/3	M4/3	Olympus M.Zuiko Digital ED 30mm f3.5 Macro		36135 Macro port 45 <i>*Incompatible with wet macro lenses</i>	30mm	39°	150°	
		Panasonic Lumix G Macro 30mm f/2.8 Asph. Mega O.I.S.		36135 Macro port 45 <i>*Incompatible with wet macro lenses</i>	30mm	39°	150°	
		Olympus M.ZUIKO DIGITAL ED 12-50mm f/3.5-6.3 EZ	36147* O1250-Z <i>* 36059 O1250-Z for use with NA-GH5/EM1X</i>	36161 Macro Port with M77 thread	30-50mm	39° ~ 24°	150° ~ 71°	
<i>* Incompatible with Olympus 60mm f2.8 lens, Panasonic leica 45mm f2.8</i>								
NB5 FUJIFILM	APSC	Carl Zeiss Touit 2.8/50M	36422 XZ50-A	36620 Mini extension ring 20	36135 (*1) Macro port 45	50mm	31°	100°
				36630 Mini extension ring 30	36139 Macro port 35			
N100 XHI	APSC	Carl Zeiss Touit 2.8/50M(X-mount)		37401 N100 extension ring 30	37127 (*1) N100 Flat port 32	50mm	31°	100°
				36471 N100 to NB5 20mm port adaptor	36135 Macro port 45			
		Fujifilm XC 15-45mm f3.5-5.6 OIS PZ	36476 X1545PZ-Z	36478 N100 Flat port 40	40-45mm	39° ~ 35°	150° ~ 114°	
N100 SONY	FULL FRAME	Sony SEL2870 FE 28-70mm F3.5-5.6 OSS	37141 SE2870-Z	37124 Flat port 66 with M77 thread	66-70mm	36° ~ 34°	120° ~ 110°	
NB5 SONY	APSC	Carl Zeiss Touit 2.8/50M		36630 Mini extension ring 30	36135 (*1) Macro port 45	50mm	31°	100°
		Sony SEL1670Z Vario-Tessar T* E 16-70mm F4 ZA OSS	36174 SE1670-Z	36206 N85 to N120 50mm Port adaptor with zoom/focus knob	18705 Macro port 45	50-60mm	32° ~ 27°	100° ~ 82°
COMPACT	SONY	Sony Cyber-shot DSC-RX100 III 17413 NA-RX100III			65mm-70mm			
		Sony Cyber-shot DSC-RX100 IV 17415 NA-RX100IV			65mm-70mm			
		Sony Cyber-shot DSC-RX100 V 17418 NA-RX100V			65mm-70mm			
		Sony Cyber-shot DSC-RX100 VI 17421 NA-RX100VI		38703(*1) N50 Short port with bayonet mount	65mm-200mm			
	CANON	Canon PowerShot G7X 17318 NA-G7X housing			65mm-100mm			
		Canon PowerShot G7XII 17324 NA-G7XII Housing			65mm-100mm			
	PANASONIC	Panasonic Lumix DMC-LX10 17414 NA-LX10 Housing			65mm-72mm			

86201 Macro to Wide angle Lens 1 (MWL-1) 150 deg. FOV with full frame 60mm macro lens

Specifications

Model: 86201 MWL-1
Outer diameter x Length: DIA108 mm x 120 mm
Weight (air / underwater): 1.20kg / 0.58kg
Body construction: Hard-anodized aluminium alloy
Lens construction: 7 elements in 5 groups (inc. one aspherical element)
Lens coatings: Both side anti-reflection coating
Focal distance: From front element of lens to infinity
Field of view (underwater): 150° (Ref. 60mm equiv.)
Mount system: NA Bayonet or M67
Depth rating: 100m

Included in the Box:

M67 to Bayonet Mount Converter (83213)
Rear lens cap for WWL-1/MWL-1 (83221)
Bayonet Mounting Ring for MWL-1
Neoprene cover
Carrying Bag
Cleaning Cloth
Hard Cap

Optional accessories:

86221 M67 Flip holder for MWL-1
86222 Double Flip Holder for MWL-1
83214 Bayonet Mount Holder for SMC/CMC
72233 Single Bayonet Holder II for Ø70 Float Arm
72234 Double Bayonet Holder II for Ø70 Float Arm
72243 Single Bayonet Holder II for Ø90 Float Arm
72244 Double Bayonet Holder II for Ø90 Float Arm
83250 M67 to Bayonet Converter II
83251 M77 to Bayonet Converter II