



EXTENDED MACRO WIDE LENS EMWL WATER CONTACT MODULAR DESIGN RELAY LENS SYSTEM

		CAMERA LENS	GEAR	EXTENSION RING	PORT	MOUNT CONVERTER	EMWL	OPTICAL PERFORMANCE
N120 CINEMA	MACRO FULL FRAME	Canon EF 100mm f/2.8L Macro IS USM	19523 C100IS-F		18703 Macro Port 94	83250 M67 to Bayonet Mount Converter II	87302 EMWL Set #2	On Full Frame Sensor Lens FOV 23.4° Converted FOV 60°/100°/130°
		Canon RF 100mm f/2.8L Macro IS USM	19575 CRF100-F <i>* please contact us if SA control is needed</i>		18703 Macro Port 94	83250 M67 to Bayonet Mount Converter II	87302 EMWL Set #2	On Full Frame Sensor Lens FOV 24.0° Converted FOV 60°/100°/130°
N120 NIKON F-MOUNT	MACRO FX	Nikon AF-S Micro NIKKOR 60mm f-2.8G ED with HOYA +4 Diopter <i>* This setup can only be use on DX sensor camera</i>	19121 N60G-F		18701 Macro Port 60	83250 M67 to Bayonet Mount Converter II	87303 EMWL Set #3	On DX Sensor Lens FOV 26.5° Converted FOV 60°/100°/130° <i>(incl. focusing unit #3, 150mm relay lens & 3 objective lenses)</i>
		Nikon AF-S VR Micro-NIKKOR 105mm f/2.8G IF-ED	19122 N105VR-F		18702 Macro Port 87	83250 M67 to Bayonet Mount Converter II	87301 EMWL Set #1	Lens FOV 23.3° Converted FOV 60°/100°/130° <i>(incl. focusing unit #1, 150mm relay lens & 3 objective lenses)</i>
		Sigma 105mm F2.8 EX DG OS HSM Macro		21135 Extension Ring 35 with Lock	18701 Macro Port 60	83250 M67 to Bayonet Mount Converter II	87302 EMWL Set #2	Lens FOV 23° Converted FOV 60°/100°/130° <i>(incl. focusing unit #2, 150mm relay lens & 3 objective lenses)</i>
N120 NIKON Z-MOUNT	MACRO FX	Nikkor Z MC 105mm f/2.8 VR S Macro	19161 NZ105VR-F		18708 Macro Port 80	83250 M67 to Bayonet Mount Converter II	87302 EMWL Set #2	Lens FOV 23° Converted FOV 60°/100°/130° <i>(incl. focusing unit #2, 150mm relay lens & 3 objective lenses)</i>
				21120 Extension Ring 20 with Lock	18701 Macro port 60	83250 M67 to Bayonet Mount Converter II	87302 EMWL Set #2	Lens FOV 23° Converted FOV 60°/100°/130° <i>(incl. focusing unit #2, 150mm relay lens & 3 objective lenses)</i>
N120 CANON EF-MOUNT	MACRO APSC	Canon EF-S 60mm f2.8 Macro USM	19521 C60-F		18704 Macro Port 41	83250 M67 to Bayonet Mount Converter II	87302 EMWL Set #2	Lens FOV 24.5° Converted FOV 60°/100°/130° <i>(incl. focusing unit #2, 150mm relay lens & 3 objective lenses)</i>
	MACRO FULL FRAME	Canon EF 100mm f2.8 Macro USM	19522 C100-F		18702 Macro Port 87	83250 M67 to Bayonet Mount Converter II	87301 EMWL Set #1	Lens FOV 24° Converted FOV 60°/100°/130° <i>(incl. focusing unit #1, 150mm relay lens & 3 objective lenses)</i>
		Canon EF 100mm f/2.8L Macro IS USM	19523 C100IS-F		18703 Macro Port 94	83250 M67 to Bayonet Mount Converter II	87302 EMWL Set #2	Lens FOV 23.4° Converted FOV 60°/100°/130° <i>(incl. focusing unit #2, 150mm relay lens & 3 objective lenses)</i>
		Sigma 105mm F2.8 EX DG OS HSM Macro	19553 SC105-F	21130 Extension Ring 30 with Lock	18701 Macro Port 60	83250 M67 to Bayonet Mount Converter II	87301 EMWL Set #1	Lens FOV 24° Converted FOV 60°/100°/130° <i>(incl. focusing unit #1, 150mm relay lens & 3 objective lenses)</i>
N120 CANON RF-MOUNT	MACRO FULL FRAME	Canon RF 100mm f/2.8L Macro IS USM	19575 + 19576 CRF100-F + SA Control Ring		18703 Macro Port 94	83250 M67 to Bayonet Mount Converter II	87302 EMWL Set #2	Lens FOV 24.0° Converted FOV 60°/100°/130° <i>(incl. focusing unit #2, 150mm relay lens & 3 objective lenses)</i>
							87303 EMWL Set #3	Lens FOV 24.0° Converted FOV 60°/100°/130° <i>(incl. focusing unit #3, 150mm relay lens & 3 objective lenses)</i>



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N120 FUJIFILM MACRO MEDIUM FORMAT	Fujifilm GF 120mm f/4 Macro R LM OIS WR with HOYA +2 Close Up Diopter	19823 GF120-F	21170 Extension Ring 70 with Lock	18701 Macro Port 60	83250 M67 to Bayonet Mount Converter II	87302 EMWL Set #2 <small>(incl. focusing unit #2, 150mm relay lens & 3 objective lenses)</small>	Lens FOV 25.7° Converted FOV 60°/100°/130°	
N120 PANASONIC MACRO FULL FRAME	Sigma 105mm F2.8 DG DN Macro Art			18708 Macro Port 80	83250 M67 to Bayonet Mount Converter II	87301 EMWL Set #1 <small>(incl. focusing unit #1, 150mm relay lens & 3 objective lenses)</small>	Lens FOV 23.3° Converted FOV 60°/100°/130°	
		21120 Extension Ring 20 with Lock	18701 Macro Port 60	83250 M67 to Bayonet Mount Converter II	87301 EMWL Set #1 <small>(incl. focusing unit #1, 150mm relay lens & 3 objective lenses)</small>	Lens FOV 23.3° Converted FOV 60°/100°/130°		
N100 SONY E-MOUNT MACRO FULL FRAME	Sony SEL90M28G FE 90mm F2.8 Macro G OSS	37147 SE90-F			37126 N100 Macro Port 105	83250 M67 to Bayonet Mount Converter II	87303 EMWL Set #3 <small>(incl. focusing unit #3, 150mm relay lens & 3 objective lenses)</small>	Lens FOV 27° Converted FOV 60°/100°/130°
N85 MICRO FOUR THIRDS MACRO FOUR THIRDS	Olympus M.Zuiko Digital ED 60mm f2.8 Macro			36163 N85 Macro Port 65	83250 M67 to Bayonet Mount Converter II	87301 EMWL Set #1 <small>(incl. focusing unit #1, 150mm relay lens & 3 objective lenses)</small>	Lens FOV 20° Converted FOV 60°/100°/130°	
		36620 N85 Extension Ring 20	36135 N85 Macro Port 45	83250 M67 to Bayonet Mount Converter II	87301 EMWL Set #1 <small>(incl. focusing unit #1, 150mm relay lens & 3 objective lenses)</small>	Lens FOV 20° Converted FOV 60°/100°/130°		
N85 MICRO FOUR THIRDS MACRO FOUR THIRDS	Panasonic LEICA DG MACRO-ELMARIT 45mm F2.8 ASPH. MEGA O.I.S.	36145 P45-F			36135 N85 Macro Port 45	83250 M67 to Bayonet Mount Converter II	87303 EMWL Set #3 <small>(incl. focusing unit #3, 150mm relay lens & 3 objective lenses)</small>	Lens FOV 20° Converted FOV 60°/100°/130°

Focusing Unit	#87201 Focusing Unit #1	#87202 Focusing Unit #2	#87203 Focusing Unit #3
Optical Design	6 elements in 3 groups	6 elements in 3 groups	6 elements in 3 groups
Bayonet	Nauticam bayonet mount	Nauticam bayonet mount	Nauticam bayonet mount
Largest Diameter	96mm	96mm	96mm
Length	83.4mm	71.4mm	66.9mm
Weight	In air 740g	In air 740g	In air 616g
Depth Rating	150m	150m	150m
Lens Body	Hard anodized aluminium alloy	Hard anodized aluminium alloy	Hard anodized aluminium alloy
Lens Coating	Anti-reflection	Anti-reflection	Anti-reflection

Relay Lens	#87211 Relay Lens 150mm
Optical Design	14 elements in 10 groups
Bayonet	Nauticam bayonet mount
Largest Diameter	62mm
Length	164.5mm
Weight	In air 592g
Depth Rating	150m
Lens Body	Hard anodized aluminium alloy
Lens Coating	Anti-reflection

EMWL Accessories

87501	EMWL Flip Holder
83250	M67 to Bayonet converter II
87512	Lens Hood for Objective Lens 130°
87513	Lens Hood for Objective Lens 100°
87516	EMWL Bayonet Holder for O70 Float Arm
87517	EMWL Bayonet Holder for O90 Float Arm

Objective Lens	#87221 Objective Lens 60°	#87222 Objective Lens 100°	#87223 Objective Lens 130°
Optical Design	9 elements in 6 groups	9 elements in 6 groups	9 elements in 6 groups
Focus Range	15mm to ∞	15mm to ∞	10mm to ∞
Bayonet	Nauticam bayonet mount	Nauticam bayonet mount	Nauticam bayonet mount
Largest Diameter	62mm	62mm	62mm
Length	97.0mm	88.5mm	123.2mm
Weight	In air 378g	In air 218g	In air 510g
Depth Rating	150m	150m	150m
Lens Body	Hard anodized aluminium alloy	Hard anodized aluminium alloy	Hard anodized aluminium alloy
Lens Coating	Anti-reflection	Anti-reflection	Anti-reflection