



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

		CAMERA LENS	GEAR	EXTENSION RING	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE
N120 NIKON F-MOUNT	MACRO FX	Nikon AF-S Micro NIKKOR 60mm f-2.8G ED with HOYA +2 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 <small>On DX Sensor</small>	Lens FOV 26.5° Converted FOV 60°/100°/130°
		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°
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°
	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°
		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°
		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°
N120 FUJIFILM G-MOUNT	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	Lens FOV 25.7° 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	Lens FOV 27° Converted FOV 60°/100°/130°
N85 MICRO FOUR THIRDS	MACRO FOUR THIRDS	Olympus M.Zuiko Digital ED 60mm f2.8 Macro	36149 O60-F		36163 N85 Macro Port 65	83250 M67 to Bayonet Mount Converter II	87301 EMWL Set #1	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	Lens FOV 20° Converted FOV 60°/100°/130°
		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	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

LENS COMPATIBILITY

Focusing Units	Camera Sensor	Camera Mount	Compatible Lenses	Port System
#87201 Focusing Unit #1	Full Frame	<ul style="list-style-type: none"> Nikon F mount Nikon Z mount (with FTZ) 	Nikon AF-S VR Micro Nikkor 105mm f/2.8G IF-ED	#18702 N120 Macro Port 87
		<ul style="list-style-type: none"> Canon EF mount Canon RF mount (with EF-EOS R) 	Canon EF 100mm f/2.8 Macro USM	#18702 N120 Macro Port 87
		<ul style="list-style-type: none"> Panasonic L mount (with Sigma MC-21) 	Sigma 105mm F2.8 EX DG OS HSM	#21130 Extension Ring 30 with Lock + #18701 N120 Macro Port 60
	M 4/3	M 4/3 mount	Olympus M.Zuiko Digital ED 60mm f2.8 Macro	#36163 N85 Macro Port 65
#87202 Focusing Unit #2	Medium Format	Fujifilm GF mount	Fujifilm GF 120mm f/4 Macro R with HOYA + 2 Close-up diopter on lens	#21160 Extension Ring 60 with Lock + #18701 N120 Macro Port 60
	Full Frame	<ul style="list-style-type: none"> Canon EF mount Canon RF mount (with EF-EOS R) Panasonic L mount (with Sigma MC-21) 	Canon EF 100mm f/2.8L Macro IS USM	#18703 N120 Macro Port 94
	APS-C	Canon EF mount	Canon EF-S 60mm f/2.8 Macro USM	#18704 N120 Macro Port 41
#87203 Focusing Unit #3	Full Frame	Sony E mount	Sony SEL90M28G FE 90mm F2.8 Macro G OSS	#37126 N100 Macro Port 105
	M 4/3	M 4/3 mount	Panasonic LEICA DG MACRO-ELMARIT 45mm F2.8	#36135 N85 Macro Port 45
	DX	Nikon F mount	Nikon AF-S Micro NIKKOR 60mm f2.8G ED with HOYA + 2 Close-up diopter on lens	#18701 N120 Macro Port 60