

0.36x WIDE ANGLE CONVERSION PORT FOR N120 NIKON DSLR SYSTEM

	LENS	GEAR	EXTENSIONS	LENS PORT	Remarks
NIKON APS-C	Nikon AF-S DX NIKKOR 18-55mm f/3.5-5.6G VR II	19144 N1855VR II-Z	21135 N120 Extension Ring 35 with Lock	85201 0.36x Wide Angle Conversion Port	* 1) Most recommended
	Nikon AF-S 17-35mm f/2.8D IF-ED	19130 N1735-Z	21150 Extension ring 50 with lock	85201 0.36x Wide Angle Conversion Port	* zoom from 18 mm
	Nikon AF-S NIKKOR 16-35mm f/4G ED VR	19138 N1635-Z	21170 Extension ring 70 with lock	85201 0.36x Wide Angle Conversion Port	* zoom from 18 mm
	Nikon AF-S NIKKOR 18-35mm f/3.5-4.5G ED	19141 N1835-Z	21140 Extension ring 40 with lock	85201 0.36x Wide Angle Conversion Port	
NIKON FULL FRAME	Nikon AF-S Nikkor 28mm f/1.8 G		21120 N120 Extension Ring 20 with Lock	85201 0.36x Wide Angle Conversion Port	
	Nikon AF Nikkor 28mm f/2.8D			85201 0.36x Wide Angle Conversion Port	
	Nikon AF Nikkor 28-70mm f/3.5-4.5D	19148 N2870f3.5D-Z	21135 N120 Extension Ring 35 with Lock	85201 0.36x Wide Angle Conversion Port	* 1) Most recommended

0.36x WIDE ANGLE CONVERSION PORT FOR N120 CANON DSLR SYSTEM

	LENS	GEAR	EXTENSIONS	LENS PORT	Remarks
CANON APS-C	Canon EF-S 18-55mm f/3.5-5.6 IS STM	19547 C1855ISSTM-Z	21130 Extension ring 30 with lock	85201 0.36x Wide Angle Conversion Port	
	Sigma 18-35mm F1.8 DC HSM A	19552 SC1835f.18-Z	21130+21135 Extension ring 30 +35 with lock	85201 0.36x Wide Angle Conversion Port	*1) Most recommended
				85202 0.36x Wide Angle Conversion Port	
	Canon EF 17-40mm f/4L USM	19528 C1740-Z	21120+21125 Extension ring 20 +25 with lock	85201 0.36x Wide Angle Conversion Port	
	Canon EF 16-35mm F4L IS USM	19548 C1635f4-Z	21130+21135 Extension ring 30 +35 with lock	85201 0.36x Wide Angle Conversion Port	
Canon EF 16-35mm f/2.8L III USM	19554 C1635III-Z	21135+21140 Extension ring 35 +40 with lock	85201 0.36x Wide Angle Conversion Port		
CANON FULL FRAME	Canon EF 28mm f/1.8 USM			85201 0.36x Wide Angle Conversion Port	
	Canon EF 28mm f/2.8 IS USM			85201 0.36x Wide Angle Conversion Port	
	Canon EF 28-70mm f/3.5-4.5 II	19557 C2870f3.5II-Z	21125 N120 Extension Ring 25 with Lock	85201 0.36x Wide Angle Conversion Port	*1) Most recommended
	Canon EF 28-80mm f/3.5-5.6 II	19558 C2880f3.5II-Z	21130 Extension ring 30 with lock	85201 0.36x Wide Angle Conversion Port	
	Canon EF 28-80mm f/3.5-5.6 V USM	19559 C2880f3.5V-Z	21130 Extension ring 30 with lock	85201 0.36x Wide Angle Conversion Port	
	Canon EF 35mm f/2 IS USM			85201 0.36x Wide Angle Conversion Port	

0.36x WACP FOR N120 C200 & RED™ & EVA1

	LENS	ZOOM GEAR	FOCUS GEAR	EXTENSIONS	LENS PORT	REMARKS
Super 35 Sensors (Canon mount)	Canon EF-S 18-55mm f/3.5-5.6 IS STM	16330 RC1855STM-Z	16330 RC1855STM-F	21125 N120 Extension Ring 25 with Lock	85201 0.36x Wide Angle Conversion Port	* zoom from 20mm
	Sigma 18-35mm F1.8 DC HSM A	16326 RSC1835f.18-Z	16326 RSC1835f.18-F	21130+21135 Extension ring 30 +35 with lock	85201 0.36x Wide Angle Conversion Port	* zoom from 20mm *1) Most recommended
					85202 0.36x Wide Angle Conversion Port	
	Canon EF 16-35mm F4L IS USM	16317 RC1635f4-Z	16318 RC1635f4-F	21160 Extension ring 60 with lock	85201 0.36x Wide Angle Conversion Port	* zoom from 20mm
	Canon EF 16-35mm f/2.8L III USM	16325 RC1635III-Z	16325 RC1635III-F	21170 Extension ring 70 with lock	85201 0.36x Wide Angle Conversion Port	* zoom from 20mm
Canon EF 28-70mm f/3.5-4.5 II	16334 RC2870II-Z	16334 RC2870II-F	21125 N120 Extension Ring 25 with Lock	85201 0.36x Wide Angle Conversion Port	*1) Most recommended	



0.36x WACP FOR N100 Sony A7RIII/A9/A7II/A7R II/A7S II

	LENS	ZOOM GEAR	ADAPTOR	EXTENSIONS	LENS PORT	
SONY	Sony SEL2870	37141	37303	21120	85201	
	FE 28-70mm F3.5-5.6 OSS	SE2870-Z	N100 to N120 35.5mm port adaptor	Extension ring 20 with lock	0.36x Wide Angle Conversion Port	

0.36x WACP FOR NN100 PORT SYSTEM FOR FUJIFILM XH1/XT3 SYSTEM

	LENS	ZOOM	FOCUS	EXTENSION	LENS PORT	REMARKS
FUJIFILM XH1/XT3	FUJINON XF18-55F2.8-4.0	36474		37401	85203	*work range from 18-30mm
		X1855-Z3		N100 Extension ring 30	N100 0.36x Wide Angle Conversion Port (Inc. N100 Extension ring 35,WACP and buoyancy collar)	

		LENS	EXTENSION/ADAPTORS	LENS PORT	MAX. FOV	Remarks	
N12NIKON	APS-C	Nikon AF-S DX Micro NIKKOR 40mm f/2.8G DX	19152 N40G-F	18705 Macro port 45	150°	* Not compatible with wet macro lenses	
	FULL FRAME	Nikon AF-S Micro NIKKOR 60mm f/2.8G ED	19121 N60G-F	18701 Macro port 60	150°	* 1) Most recommended	
* Not compatible with Nikon AF-S Nikkor 105mm f/2.8G							
N120 CANON	APS-C	Canon EF 40mm f2.8 STM		18706 N120 Macro Port 12	approx. 135°	* 1) Most recommended	
* Not compatible with Canon EF-S 60mm f2.8 USM							
N85 M 4/3	M4/3	Olympus M.Zuiko Digital ED 30mm f3.5 Macro		36135 Macro port 45	150°	* Not compatible with wet macro lenses	
		Panasonic Lumix G Macro 30mm f/2.8 Asph. Mega O.I.S.		36135 Macro port 45	150°	* Not compatible with wet macro lenses	
* Not compatible with Olympus 60mm f2.8 lens, Panasonic leica 45mm f2.8							
N85 FUJIFILM(X)	APS-C	Carl Zeiss Touit 2.8/50M	36422 XZ50-A	36620 Mini extension ring 20	36135 Macro port 45	approx. 115°	* 1) Most recommended
			36630 Mini extension ring 30	36139 Macro Port 35	approx. 115°		
N100 XHi	APS-C	Carl Zeiss Touit 2.8/50M(X-mount)	37401 N100 Extension ring 30	37127 N100 Flat Port 32	approx. 115°	* 1) Most recommended	
			36471 N100 to N85 20mm port adaptor	36135 Macro port 45	approx. 115°		
N85 SONY	SONY APS-C	Carl Zeiss Touit 2.8/50M	36630 Mini extension ring 30	36135 Macro port 45	approx. 115°	* 1) Most recommended	
COMPACT	SONY	Sony Cyber-shot DSC-RX100 III 17413 NA-RX100III			approx. 130°	Zoom from 65mm	
		Sony Cyber-shot DSC-RX100 IV 17415 NA-RX100IV			approx. 130°	Zoom from 65mm	
		Sony Cyber-shot DSC-RX100 V 17418 NA-RX100V			approx. 130°	Zoom from 65mm	
		Sony Cyber-shot DSC-RX100 VI 17421 NA-RX100VI		38703 N50 Short Port with Bayonet Mount	150°	* 1) Most recommended Zoom from 60 to 65mm	
	CANON	Canon PowerShot G7X 17318 NA-G7X housing				approx. 130°	Zoom from 65mm
		Canon PowerShot G7XII 17324 NA-G7XII Housing				approx. 130°	Zoom from 65mm
		PANASONIC	Panasonic Lumix DMC-LX10 17414 NA-LX10 Housing			approx. 130°	Zoom from 65mm

P/N: 86201

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

Specification

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 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

Optional accessories:

86221 M67 Flip holder for MWL-1
86222 Double Flip Holder for MWL-1
Bayonet Mount Holder for SMC/CMC (83214)
Bayonet Mount Lens Holder for Arms (83222)
Bayonet Mount Double Lens Holder for Arms (83223)
Single Bayonet Holder for Ø70 Float Arm(72231)
Double Bayonet Holder for Ø70 Float Arm(72232)
Single Bayonet Holder for Ø90 Float Arm(72241)
Double Bayonet Holder for Ø90 Float Arm(72242)
Bayonet Mount Lens Holder for Inon Float Arms (83227)

Nauticam Wet Wide-angle Lens 1 (WWL-1) Compatibility Chart

	LENS	GEAR	LENS PORT	OPTIONAL ACCESSORIES
N85 Micro 4/3	Olympus M.ZUIKO DIGITAL ED 12-50mm f/3.5-6.3 EZ	 36147 O1250-Z	 36161* Macro Port with M77 thread <i>*No vignetting at 16mm</i> <i>*Require 83125 to mount WWL-1 onto the port</i>	 83215** M77 to Bayonet Mount Converter <i>**No vignetting at 14mm when used alone</i>
	Olympus M.ZUIKO DIGITAL 14-42mm F3.5-5.6 II R	 36143 O1442-Z	 36136 Macro port 56	 83213 M67 to Bayonet Mount Converter
	Olympus M.ZUIKO DIGITAL ED 14-42mm F3.5-5.6 EZ	 36047 O1442EZ-Z	 36165 N85 Power Zoom Macro Port 29	 83213 M67 to Bayonet Mount Converter
	Panasonic LUMIX G VARIO 12-32mm F3.5-5.6 ASPH. MEGA O.I.S.	 36046 P1232-Z	 36165* N85 Power Zoom Macro Port 29 <i>*No vignetting at 14mm</i>	 83213 M67 to Bayonet Mount Converter
	Panasonic LUMIX G 14mm / F2.5 ASPH		 36151 N10 Pancake Port	 83213 M67 to Bayonet Mount Converter
	Panasonic LUMIX G VARIO 14-42mm F3.5-5.6 II ASPH. MEGA O.I.S.	 36057 P1442II-Z	 36139 Macro Port 35	 83213 M67 to Bayonet Mount Converter
	Panasonic LUMIX G X VARIO PZ 14-42mm F3.5-5.6 ASPH. Power O.I.S.	 36146 P1442X-PZ	 36165 N85 Power Zoom Macro Port 29	 83213 M67 to Bayonet Mount Converter
	Sony SELP1650 E PZ 16-50mm F3.5-5.6 OSS	 36172 SE1650-PZ	 36128* Macro port 45 with knob <i>*No vignetting at 20mm</i>	 83213 M67 to Bayonet Mount Converter
	Sigma 19mm F2.8 DN A		 36135 Macro port 45	 83213 M67 to Bayonet Mount Converter
	Sony SEL28F20 FE 28mm F2 on NA-A7 for A7/ A7R/ A7s		 37128 N100 Flat Port 37	 83213 M67 to Bayonet Mount Converter
Sony SEL28F20 FE 28mm F2 on NA-A7II for A7 II/ A7R II/ A7s II		 37127 N100 Flat Port 32	 83213 M67 to Bayonet Mount Converter	
N85 Canon M	Canon EF-M 22mm f/2 STM		 36126 E16 pancake port	 83213 M67 to Bayonet Mount Converter
	Canon EF-M 15-45mm f/3.5-6.3 IS STM	 36195 CM1545-Z	 36135 Macro port 45 <i>*No vignetting at 18mm (4:3)</i>	 83213 M67 to Bayonet Mount Converter
<i>May vignetting with focal length wider than 28mm</i>				
Compact	Sony Cyber-Shot DSC-RX100 17404 NA-RX100			 83213 M67 to Bayonet Mount Converter
	Sony Cyber-Shot DSC-RX100 II 17408 NA-RX100II			 83213 M67 to Bayonet Mount Converter
	Sony Cyber-Shot DSC-RX100 III 17413 NA-RX100III			 83213 M67 to Bayonet Mount Converter
	Sony Cyber-Shot DSC-RX100 IV 17415 NA-RX100IV			 83213 M67 to Bayonet Mount Converter
	Sony Cyber-Shot DSC-RX100 V 17418 NA-RX100V			 83213 M67 to Bayonet Mount Converter
	Sony DSC-RX100 VI Digital Camera 17421 NA-RX100VI		 38701 N50 Short port with M67 thread	 83213 M67 to Bayonet Mount Converter
	Panasonic Lumix DMC-LX100 II Camera 17717 NA-LX100II		 38701 N50 Short port with M67 thread	 83213 M67 to Bayonet Mount Converter
	Canon PowerShot G7X 17318 NA-G7X		 38701 N50 Short port with M67 thread	 83213 M67 to Bayonet Mount Converter
	Canon PowerShot G7X II 17324 NA-G7XII		 38701 N50 Short port with M67 thread	 83213 M67 to Bayonet Mount Converter
Panasonic Lumix DMC-LX100 17710 NA-LX100		 38701 N50 Short port with M67 thread	 83213 M67 to Bayonet Mount Converter	

Specification:

Model: WWL-1
Outer diameter x Length: Dia130mm x 97mm
Weight (air / underwater): 1.24kg / 0.62kg
Body construction: Hard-anodized aluminium alloy
Lens construction: 6 elements in 5 groups
Lens coatings: Both side anti-reflection coating
Focal distance: From front element of lens to infinity
Field of view (underwater): 130° (Ref. 28mm equiv.)
Mount system: M67 or NA Bayonet
Depth rating: 100m

Included in Box:

Neoprene cover - (25024)
 Rear lens cap for WWL-1 (83221)
 M67 Mounting Ring for WWL-1 (83211)
 Bayonet Mounting Ring for WWL-1 (83212)
 Carrying Bag (83226)
 Cleaning Cloth

Optional accessories:

M67 to Bayonet Mount Converter (83213)
 M77 to Bayonet Mount Converter (83215)
 Bayonet Mount Holder for SMC/CMC (83214)
 Bayonet Mount Lens Holder for Arms (83222)
 Bayonet Mount Double Lens Holder for Arms (83223)
 Hard Cap for WWL-1 (83224)
 Buoyancy Collar for WWL-1 (83225)
 Bayonet Mount Lens Holder for Inon Float Arms (83227)

Remark: WWL-1 is also compatible with old NA-G16, S120 housing for Canon Powershot Cameras.