

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 *No vignetting from 16mm *Require 83125 to mount WWL-1 onto the port	83215**/83251 M77 to Bayonet Mount Converter /II **No vignetting at 14mm when used alone
	Olympus M.ZUIKO DIGITAL 14-42mm F3.5-5.6 II R	36143 O1442-Z	36136 Macro port 56	83213/83250 M67 to Bayonet Mount Converter/II
	Olympus M.ZUIKO DIGITAL ED 14-42mm F3.5-5.6 EZ	36047 O1442EZ-Z	36165 N85 Power Zoom Macro Port 29	83213/83250 M67 to Bayonet Mount Converter/II
	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 *No vignetting from 14mm	83213/83250 M67 to Bayonet Mount Converter/II
	Panasonic LUMIX G 14mm / F2.5 ASPH		36151 N10 Pancake Port	83213/83250 M67 to Bayonet Mount Converter/II
	Panasonic LUMIX G VARIO 14-42mm F3.5-5.6 II ASPH. MEGA O.I.S.	36057 P1442II-Z	36139 Macro Port 35	83213/83250 M67 to Bayonet Mount Converter/II
	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	83213/83250 M67 to Bayonet Mount Converter/II
N85 Sony E	Sony SELP1650 E PZ 16-50mm F3.5-5.6 OSS	36172 SE1650-PZ	36128* Macro port 45 with knob *No vignetting from 20mm 36228 N85 Macro port 40 with knob * No vignetting from 19mm	83213/83250 M67 to Bayonet Mount Converter/II 83250 M67 to Bayonet Mount Converter/II
	Sigma 19mm F2.8 DN A		36135 Macro port 45	83213/83250 M67 to Bayonet Mount Converter/II
N100 Sony FE	Sony SEL28F20 FE 28mm F2 on NA-A7 for A7/ A7R/ A7s		37128 N100 Flat Port 37	83213/83250 M67 to Bayonet Mount Converter/II
	Sony SEL28F20 FE 28mm F2 on NA-A7II for A7 II/ A7R II/ A7s II		37127 N100 Flat Port 32	83213/83250 M67 to Bayonet Mount Converter/II
N85 Canon M	Canon EF-M 22mm f/2 STM		36126 E16 pancake port	83213/83250 M67 to Bayonet Mount Converter/II
	Canon EF-M 15-45mm f/3.5-6.3 IS STM	36195 CM1545-Z	36135 Macro port 45 *No vignetting at 18mm (4:3)	83213/83250 M67 to Bayonet Mount Converter/II
N100 Fujifilm	Fujifilm XC 15-45mm f3.5-5.6 OIS PZ	36476 X1545PZ-Z	36478 N100 Flat port 40 * No vignetting from 19mm	83250 M67 to bayonet converter II
N100 Nikon Z	NIKKOR Z DX 16-50mm f/3.5-6.3 VR	37602 Z1650PZ-Z	37601 N100 Flat port 27	83250 M67 to bayonet converter II

May vignetting with focal length wider than 28mm

Compact

Sony Cyber-Shot DSC-RX100 17404 NA-RX100		83213/83250 M67 to Bayonet Mount Converter/II
Sony Cyber-Shot DSC-RX100 II 17408 NA-RX100II		83213/83250 M67 to Bayonet Mount Converter/II
Sony Cyber-Shot DSC-RX100 III 17413 NA-RX100III		83213/83250 M67 to Bayonet Mount Converter/II
Sony Cyber-Shot DSC-RX100 IV 17415 NA-RX100IV		83213/83250 M67 to Bayonet Mount Converter/II
Sony Cyber-Shot DSC-RX100 V 17418 NA-RX100V		83213/83250 M67 to Bayonet Mount Converter/II
Canon PowerShot G16 17313 NA-G16	*no vignetting at 42mm	83213/83250 M67 to Bayonet Mount Converter/II
Canon PowerShot S120 17314 NA-S120		83213/83250 M67 to Bayonet Mount Converter/II
Canon PowerShot G7X 17318 NA-G7X		38703 N50 Short Port 25 with Bayonet Mount
Canon PowerShot G7X II/ 17324 NA-G7XII		38703 N50 Short Port 25 with Bayonet Mount
Panasonic Lumix DMC-LX100 17710 NA-LX100		38703 N50 Short Port 25 with Bayonet Mount

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)

Wet Wide Lens Compact (WWL-C) Compatibility Chart

Camera	Gear	Port	Mounting Converter	Working Focal Range (eq.)
Sony Cyber-Shot DSC-RX100 VII 17424/17424P NA-RX100VII	38705	N50 Short port 17 with bayonet mount		24-30 mm
Sony Cyber-Shot DSC-RX100 VI 17421/17421P NA-RX100VI	38704	N50 Short port 22 with bayonet mount		24-50 mm
Sony Cyber-Shot DSC-RX100 V 17418/17418P NA-RX100V			83250 M67 to bayonet converter II	Full 24-70 mm
Sony Cyber-Shot DSC-RX100 IV 17415 NA-RX100IV			83250 M67 to bayonet converter II	Full 24-70 mm
Sony Cyber-Shot DSC-RX100 III 17413 NA-RX100III			83250 M67 to bayonet converter II	Full 24-70 mm
Canon PowerShot G5 X Mark II 17331/17331P NA-G5XII	38703	N50 Short port 25 with bayonet mount		24-50 mm
Canon PowerShot G7X III 17330/17330P NA-G7XIII	38704	N50 Short port 22 with bayonet mount		24-50 mm
Canon PowerShot G7X II,G7X 17324 NA-G7XII/17318 NA-G7X	38703	N50 Short port 25 with bayonet mount		24-50 mm
Panasonic Lumix DMC-LX100 II 17717 NA-LX100II	38704	N50 Short port 22 with bayonet mount		24-30 mm
Panasonic Lumix DMC-LX100 17710 NA-LX100	38703	N50 Short port 25 with bayonet mount		24 ~ 30 mm
Panasonic Lumix DMC-LX10 (LX15) 17714 NA-LX10 Housing			83250 M67 to bayonet converter II	32 ~ 72 mm
Olympus Tough TG-5/TG6 camera 17812 NA-TG5			83255* Bayonet Converter for NA-TG5 to use with WWL-1/WWL-C	Full 25-100 mm
Olympus Tough TG-5/TG6 camera Olympus PT-058/PT-059			83256* Bayonet Converter for PT-058/059 to use with WWL-1/WWL-C	Full 25-100 mm
Olympus Tough TG6 Camera 17816 NA-TG6				Full 25-100 mm

COMPACT

N85 Micro 4/3	Olympus M.ZUIKO DIGITAL ED 12-50mm f/3.5-6.3 EZ	36147 O1250-Z	36161 N85 Macro port with M77 thread	83251 M77 to bayonet converter II	15-50mm
	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	83250 M67 to bayonet converter II	Full 12-32mm
N85 Sony E	Sony SELP1650 E PZ 16-50mm F3.5-5.6 OSS	36172 SE1650-PZ	36228 N85 Macro port 40 with knob	83250 M67 to bayonet converter II	17-50mm
N85 Canon M	Canon EF-M 15-45mm f/3.5-6.3 IS STM	36195 CM1545-Z	36135 N85 Macro port 45	83250 M67 to bayonet converter II	17-45mm
N100 Fujifilm	Fujifilm XC 15-45mm f3.5-5.6 OIS PZ	36476 X1545PZ-Z	36478 N100 Flat port 40	83250 M67 to bayonet converter II	16-45mm
N100 Nikon Z	NIKKOR Z DX 16-50mm f/3.5-6.3 VR	37602 Z1650PZ-Z	37601 N100 Flat port 27	83250 M67 to bayonet converter II	Full 16-50 mm

Specification:

Model: WWL-C

Outer diameter x Length: DIA156mm x 77mm

Weight (air / underwater): 1.09kg / 0.14kg

Body construction: Hard-anodized aluminium alloy

Lens construction: 4 elements

Lens coatings: Both side anti-reflection coating

Focal distance: From front element of lens to infinity

Field of view (underwater): 130° (Ref. 24 equiv.)

Mount system: Bayonet Mount II

Depth rating: 100m

Included in Box:

Rear lens cap for WWL-C (new)

Carrying bag (new)

Cleaning cloth

Hard lens cap for WWL-C

Optional accessories

38073 N50 Short port 25 with bayonet mount

38704 N50 Short port 22 with bayonet mount

38705 N50 Short port 17 with bayonet mount

83250 M67 to bayonet converter II

83255 Bayonet Converter for NA-TG5 to use with WWL-1/WWL-C *

83256 Bayonet Converter for Olympus PT-058/059 to use with WWL-1/WWL-C *

* includes a new S&S optical fiber mounting plate

**0.36x WIDE ANGLE CONVERSION PORT
FOR N120 NIKON DSLR SYSTEM**

	LENS	GEAR	EXTENSION RING	LENS / PORT
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 (*1) 0.36x Wide Angle Conversion Port
	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 18mm to avoid vignette
	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 18mm to avoid vignette
	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 (*1) 0.36x Wide Angle Conversion Port

**0.36x WIDE ANGLE CONVERSION PORT
FOR N120 CANON DSLR SYSTEM**

	LENS	GEAR	EXTENSION RING	LENS / PORT
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 85202 (*1) 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 (*1) 0.36x Wide Angle Conversion Port
		19566 C2870f3.5II-F	21230 Extension ring 30 with focus knob	85201 0.36x Wide Angle Conversion Port *Zoom from 30mm to avoid vignette
	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	EXTENSION RING	LENS / PORT
SUPERR 35 SENSOR (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 to avoid vignette
	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 to avoid vignette 85202 (*1) 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 to avoid vignette
	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 to avoid vignette
	Canon EF 28-70mm f/3.5-4.5 II	16334 RC2870II-Z	16334 RC2870II-F	21125 N120 Extension ring 25 with lock	85201 (*1) 0.36x Wide Angle Conversion Port

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

	LENS	GEAR	ADAPTOR	EXTENSION RING	LENS / PORT
SONY	Sony SEL2870 FE 28-70mm F3.5-5.6 OSS	37141 SE2870-Z	37305* N100 to N120 35.5mm Port adaptor II	21120 Extension ring 20 with lock	85201 0.36x Wide Angle Conversion Port

0.36x WACP FOR N100 PORT SYSTEM FOR FUJIFILM XH1/XT3 SYSTEM

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

WIDE ANGLE CONVERSION PORT -2 (WACP-2) PORT SYSTEM

	LENS	GEAR	ADAPTOR	EXTENSION RING	LENS PORT	UW FOV with FF Sensor	
N120 NIKON	F MOUNT	Nikon AF-S 17-35mm f/2.8D IF-ED	19130 N1735-Z		21125 N120 Extension ring 25 with lock	85204 Wide Angle Conversion Port - 2	72°-123°
		Nikon AF-S NIKKOR 16-35mm f/4G ED VR	19138 N1635-Z		21120+21125 Extension ring 20 +25 with lock	85204 Wide Angle Conversion Port - 2	72°-128°
	Z MOUNT	Nikkor Z 14-30mm f/4 S	19156 NZ1430-Z			85204 Wide Angle Conversion Port - 2	81°-140°
N120 CANON	EF MOUNT	Canon EF 16-35mm f/2.8L II USM	19527 C1635II-Z		21130 Extension Ring 30	85204 Wide Angle Conversion Port - 2	72°-128°
		Canon EF 16-35mm f/2.8L III USM	19554 C1635III-Z		21120+21125 Extension ring 20 +25 with lock	85204 Wide Angle Conversion Port - 2	72°-128°
		Canon EF 16-35mm F4L IS USM	19548 C1635f4-Z		21130 Extension ring 30 with lock	85204 Wide Angle Conversion Port - 2	72°-128°
	R MOUNT	Canon RF 15-35mm f/2.8L IS USM	19569 CR1535-Z		21135 N120 Extension Ring 35 with lock	85204 Wide Angle Conversion Port - 2	72°-133°
N100 SONY	A7RIII/A9/A7II/A7RII/A7SII/A7RI	Sony SEL1635GM FE 16-35mm F2.8 GM	37155 SFE1635GM-Z	37305 N100 to N120 35.5mm Port adaptor II	21130 Extension ring 30 with lock	85204 Wide Angle Conversion Port - 2	72°-128°
			37156 SFE1636GM-F				
	A7RIII/A9/A7II/A7RII/A7SII/A7RI	Sony SEL1635Z Vario-Tessar T* FE 16-35mm F4 ZA OSS	37145 SE1635-Z	37305 N100 to N120 35.5mm Port adaptor II	21110 Extension ring 10 with screws	85204 Wide Angle Conversion Port - 2	72°-128°
			37146 SE1635-F				
N120 C200 & RED™ & EVA1 SUPERR 35 SENSOR (CANON MOUNT)	Canon EF 16-35mm f/2.8L III USM	16325 RC1635III-Z		21120+21125 Extension ring 20 +25 with lock	85204 Wide Angle Conversion Port - 2	72°-128°	
		16325 RC1635III-F					
	Canon EF 16-35mm F4L IS USM	16317 RC1635f4-Z		21130 Extension ring 30 with lock	85204 Wide Angle Conversion Port - 2	72°-128°	
		16318 RC1635f4-F					

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

	LENS	GEAR	EXTENSION/ADAPTORS	LENS / PORT	FOV		
N120NIKON	APS-C	Nikon AF-S DX Micro NIKKOR 40mm f/2.8G DX	19152 N40G-F	_____	18705 + 86201 Macro port 45 <i>*Incompatible with wet macro lenses</i>	150°	
		FULL FRAME	Nikon AF-S Micro NIKKOR 60mm f/2.8G ED	19121 N60G-F	_____	18701 + 86201 (*1) Macro port 60	150°
		<i>*Incompatible with Nikon AF-S Nikkor 105mm f/2.8G</i>					
N120	CANON	APS-C	Canon EF 40mm f2.8 STM	_____	18706 + 86201 (*1) N120 Macro port 12	Approx. 135°	
		<i>* Incompatible with Canon EF-S 60mm f2.8 USM</i>					
N85 M 4/3	M4/3	Olympus M.Zuiko Digital ED 30mm f3.5 Macro	_____	_____	36135 + 86201 Macro port 45 <i>*Incompatible with wet macro lenses</i>	150°	
		Panasonic Lumix G Macro 30mm f/2.8 Asph. Mega O.I.S.	_____	_____	36135 + 86201 Macro port 45 <i>*Incompatible with wet macro lenses</i>	150°	
		<i>* Incompatible with Olympus 60mm f2.8 lens, Panasonic leica 45mm f2.8</i>					
N85 FUJIFILM,	APS-C	Carl Zeiss Touit 2.8/50M	36422 XZ50-A	36620 Mini extension ring 20	_____	36135 + 86201 (*1) Macro port 45	Approx. 115°
			36630 Mini extension ring 30	_____	36139 + 86201 Macro port 35	Approx. 115°	
N100 XH1	APS-C	Carl Zeiss Touit 2.8/50M(X-mount)	_____	37401 N100 extension ring 30	_____	37127 + 86201 (*1) N100 Flat port 32	Approx. 115°
			_____	36471 N100 to N85 20mm port adaptor	_____	36135 + 86201 Macro port 45	Approx. 115°
N85	SONY	SONY APS-C	Carl Zeiss Touit 2.8/50M	_____	36630 Mini extension ring 30	36135 + 86201 (*1) Macro port 45	Approx. 115°
COMPACT	SONY	Sony Cyber-shot DSC-RX100 III 17413 NA-RX100III	_____	_____	_____	<i>*Zoom from 65mm</i>	Approx. 115°
		Sony Cyber-shot DSC-RX100 IV 17415 NA-RX100IV	_____	_____	_____	<i>*Zoom from 65mm</i>	Approx. 115°
		Sony Cyber-shot DSC-RX100 V 17418 NA-RX100V	_____	_____	_____	<i>*Zoom from 65mm</i>	Approx. 115°
		Sony Cyber-shot DSC-RX100 VI 17421 NA-RX100VI	_____	_____	_____	38703(*1) N50 Short port with bayonet mount <i>*Zoom from 65mm</i>	150°
	CANON	Canon PowerShot G7X 17318 NA-G7X housing	_____	_____	_____	<i>*Zoom from 65mm</i>	Approx. 130°
		Canon PowerShot G7XII 17324 NA-G7XII Housing	_____	_____	_____	<i>*Zoom from 65mm</i>	Approx. 130°
	PANASONIC	Panasonic Lumix DMC-LX10 17414 NA-LX10 Housing	_____	_____	_____	<i>*Zoom from 65mm</i>	Approx. 130°

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)