



0.36X WIDE ANGLE CONVERSION PORT WACP-1 FOR FULL FRAME 28MM EQUIVAMENT LENS TO EXTREME SHARP 130°

		CAMERA LENS	GEAR	EXTENSION RING	PORT		OPTICAL PERFORMANCE		
N120 CINEMA SYSTEM (RED, CANON, PANASONIC, Z-CAM, BLACKMAGIC)	STANDARD ZOOM APS-C	Canon EF-S 18-55mm f/3.5-5.6 IS STM	16330 RC1855STM Gear Set	21125 Extension Ring 25 with Lock	85201 WACP - 1	On APS-C Sensor	Lens FOV Converted FOV Zoom Range	71-29° 123-50° 20-55mm	
		Sigma 18-35mm F1.8 DC HSM A	16326 RSC1835f1.8 Gear Set		* 85202 WACP-1 for Sigma 18-35mm F1.8	On APS-C Sensor	Lens FOV Converted FOV Zoom Range	71-46° 123-79.5° 20-35mm	
			21130 + 21135 Extension Ring 30 with Lock + 35		85201 WACP - 1	On APS-C Sensor	Lens FOV Converted FOV Zoom Range	71-46° 123-79.5° 20-35mm	
	STANDARD ZOOM FULL FRAME	Canon EF 28-70mm f/3.5-4.5 II	16334 RC2870II Gear Set	21125 Extension Ring 25 with Lock	85201 WACP - 1		On APS-C Sensor	Lens FOV Converted FOV	52-22° 90-38°
							On Full Frame Sensor	Lens FOV Converted FOV	75-34° 130-59°
WIDE ANGLE FULL FRAME	Canon RF 15-35mm f/2.8L IS USM	16341 CR1535 Gear Set	21135 Extension Ring 35 with Lock	85204 WACP - 2		On APS-C Sensor	Lens FOV Converted FOV	84-42° 98-48°	
	Canon EF 16-35mm f/2.8 III USM	16325 RC1635III Gear Set	21170 Extension Ring 70 with Lock	85201 WACP - 1		On APS-C Sensor	Lens FOV Converted FOV Zoom Range	71-45° 123-78° 20-35mm	
						On Full Frame Sensor	Lens FOV Converted FOV Zoom Range	75-63° 130-109° 28-35mm	
	Canon EF 16-35mm f/4L IS USM	16317 + 16318 RC1635f4-Z + RC1635f4-F	21160 Extension Ring 60 with Lock	85201 WACP - 1		On APS-C Sensor	Lens FOV Converted FOV Zoom Range	71-45° 123-78° 20-35mm	
						On Full Frame Sensor	Lens FOV Converted FOV Zoom Range	75-63° 130-109° 28-35mm	
N120 NIKON F-MOUNT	STANDARD ZOOM DX	Nikon AF-S DX Micro NIKKOR 18-55mm f/3.5-5.6G VR II	19144 N1855VRII-Z	21135 N120 Extension Ring 35 with Lock	85201 WACP - 1		Lens FOV Converted FOV	76-29° 130-50°	
	STANDARD ZOOM FX	Nikon AF-S Nikkor 28mm f/1.8 G		21120 N120 Extension Ring 20	85201 WACP - 1		Lens FOV Converted FOV	75° 130°	

1. # 37305 can be used on all Sony A series housings. #37303 can also be used on NA-A7RII, NA-A7RIII and NA-A9 housings.

* Recommended port system based on best optical performance



0.36X WIDE ANGLE CONVERSION PORT WACP-1 FOR FULL FRAME 28MM EQUIVARIANT LENS TO EXTREME SHARP 130°

		CAMERA LENS	GEAR	EXTENSION RING	PORT	OPTICAL PERFORMANCE	
N120 NIKON F-MOUNT	STANDARD ZOOM FX	Nikon AF Nikkor 28mm f/2.8D			85201 WACP - 1		Lens FOV 75° Converted FOV 130°
		Nikon AF Nikkor 28-70mm f/3.5-4.5D	19148 N2870f3.5D-Z	21135 N120 Extension Ring 35 with Lock	85201 WACP - 1		Lens FOV 75-34° Converted FOV 130-59°
	WIDE ANGLE FX	Nikon AF-S NIKKOR 16-35mm f/4G ED VR	19138 N1635-Z	21170 Extension Ring 70 with Lock	85201 WACP - 1	On DX Sensor	Lens FOV 75-45° Converted FOV 130-78° Zoom Range 18-35mm
		Nikon AF-S 17-35mm f/2.8D IF-ED	19130 N1735-Z	21150 Extension Ring 50 with Lock	85201 WACP - 1	On DX Sensor	Lens FOV 75-45° Converted FOV 130-78° Zoom Range 18-35mm
		Nikon AF-S 18-35mm f/3.5-4.5G ED	19141 N1835-Z	21140 Extension Ring 40 with Lock	85201 WACP - 1	On DX Sensor	Lens FOV 77-45° Converted FOV 130-78°
						On Full Frame Sensor	Lens FOV 75-63° Converted FOV 130-109° Zoom Range 28-35mm
						On Full Frame Sensor	Lens FOV 75-63° Converted FOV 130-109° Zoom Range 28-35mm
						On Full Frame Sensor	Lens FOV 75-63° Converted FOV 130-109°
	N120 NIKON Z-MOUNT	STANDARD ZOOM FULL FRAME	Nikkor Z 24-70mm f/4 S Lens	19154 NZ2470-Z	21120 Extension Ring 20 with Lock	85201 WACP - 1	
Nikkor Z 35mm f1.8 S					85201 WACP - 1		Lens FOV 63° Converted FOV 110°
SONY E-MOUNT		Sony SEL2870 FE 28-70mm F3.5-5.6 OSS with Techart PRO Autofocus Adaptor	19158 NE2870-Z	21120 Extension Ring 20 with Lock	85201 WACP - 1		Lens FOV 75-34° Converted FOV 130-59°
120 CANON EF-MOUNT	STANDARD ZOOM APS-C	Canon EF-S 18-55mm f/3.5-5.6 IS STM	19547 C1855ISSTM-Z	21130 Extension Ring 30 with Lock	85201 WACP - 1		Lens FOV 75-27.5° Converted FOV 130-46°
		Sigma 18-35mm F1.8 DC HSM A	19552 SC1835f.18-Z	21130 + 21135 Extension Ring 30 with Lock + 35	* 85202 WACP-1 for Sigma 18-35mm F1.8		Lens FOV 76.5-44° Converted FOV 132-76°
					85201 WACP - 1		Lens FOV 76.5-44° Converted FOV 132-76°

1. # 37305 can be used on all Sony A series housings. #37303 can also be used on NA-A7RII, NA-A7RIII and NA-A9 housings.

* Recommended port system based on best optical performance



0.36X WIDE ANGLE CONVERSION PORT WACP-1 FOR FULL FRAME 28MM EQUIVARIANT LENS TO EXTREME SHARP 130°

		CAMERA LENS	GEAR	EXTENSION RING	PORT	OPTICAL PERFORMANCE	
N120 CANON EF-MOUNT	STANDARD ZOOM FULL FRAME	Canon EF 28mm f/1.8 USM			85201 WACP - 1		Lens FOV 75° Converted FOV 130°
		Canon EF 28mm f/2.8 USM			85201 WACP - 1		Lens FOV 75° Converted FOV 130°
		Canon EF 28-70mm f/3.5-4.5 II	19557 C2870f3.5II-Z	21125 Extension Ring 25 with Lock	* 85201 WACP - 1		Lens FOV 72-34° Converted FOV 130-59°
		19557 + 19566 C2870f3.5II-Z + C2870f3.5II-F	21130 Extension Ring 30 with Lock	85201 WACP - 1		Lens FOV 72-34° Converted FOV 125-59° Zoom Range 30-70mm	
	STANDARD ZOOM FULL FRAME	Canon EF 28-80mm f/3.5-5.6 II	19558 C2880f3.5II-Z	21130 Extension Ring 30 with Lock	85201 WACP - 1		Lens FOV 75-30° Converted FOV 130-54°
		Canon EF 28-80mm f/3.5-5.6 V USM	19559 C2880f3.5V-Z	21130 Extension Ring 30 with Lock	85201 WACP - 1		Lens FOV 75-31° Converted FOV 130-54°
		Canon EF 35mm f/2 IS USM			85201 WACP - 1		Lens FOV 63° Converted FOV 109°
	WIDE ANGLE FULL FRAME	Canon EF 16-35mm f/2.8 III USM	19554 C1635III-Z	21170 Extension Ring 70 with Lock	85201 WACP - 1	On APS-C Sensor	Lens FOV 80-43° Converted FOV 138-74°
						On Full Frame Sensor	Lens FOV 75-63° Converted FOV 130-109° Zoom Range 28-35mm
		Canon EF 17-40mm f/4L USM	19528 C1740-Z	21140 Extension Ring 40 with Lock	85201 WACP - 1	On APS-C Sensor	Lens FOV 77-37° Converted FOV 133-74°
On Full Frame Sensor						Lens FOV 75-57.5° Converted FOV 130-100° Zoom Range 28-40mm	
N120 PANASONIC L-MOUNT	STANDARD ZOOM	Panasonic Lumix S 24-105mm f/4	19721 PS24105-Z	21135 Extension Ring 35 with Lock	85201 WACP - 1	Lens FOV 75-65° Converted FOV 130-112° Zoom Range 28-33mm	
	CANON EF-MOUNT	Canon EF 28-70mm f/3.5-4.5 II with Sigma Mount Converter MC-21	19725 Gear Set for Canon 2870 with MC-21	21230 Extension Ring 30 with Focus Knob	85201 WACP - 1	Lens FOV 72-34° Converted FOV 128-59° Zoom Range 30-70mm	
		19557 C2870f3.5II-Z	21125 Extension Ring 25 with Lock	* 85201 WACP - 1		Lens FOV 75-34° Converted FOV 130-59° Zoom Range 28-70mm	

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* Recommended port system based on best optical performance



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0.36X WIDE ANGLE CONVERSION PORT WACP-1 FOR FULL FRAME 28MM EQUIVAMENT LENS TO EXTREME SHARP 130°

		CAMERA LENS	GEAR	PORT ADAPTOR	EXTENSION RING	PORT	OPTICAL PERFORMANCE	
N120 FUJIFILM G-MOUNT	WIDE ANGLE	Fujifilm GF 45mm f/2.8 R WR			21130 Extension Ring 30 with Lock	85201 WACP - 1		Lens FOV 63° Converted FOV 109°
	CANON EF-MOUNT	Canon EF 28-70mm f/3.5-4.5 II with Metabones EF-GFX mount Smart Expander 1.26x	TBD CGF2870f3.5II-Z		21150 Extension Ring 50 with Lock	85201 WACP - 1		Lens FOV 75-34° Converted FOV 130-59°
N100 FUJIFILM X-MOUNT	STANDARD ZOOM APS-C	Fujifilm XF 18-55mm f/2.8-4 R LM OIS	36474 X1855-Z3		37401 N100 Extension Ring 30	85203 N100 WACP-1		Lens FOV 75-52° Converted FOV 130-90° Zoom Range 18-30mm
N100 SONY E-MOUNT	STANDARD ZOOM FULL FRAME	Sony SEL2860 FE 28-60mm F4-5.6	37163 SFE2860-Z		37401 N100 Extension Ring 30	* 85203 N100 WACP-1		Lens FOV 75-40° Converted FOV 130-69°
			37163 + 37168 SFE2860-Z + SFE2860-F (WACP-1)	¹ 37305 N100 to N120 35.5mm Port Adaptor II		85201 WACP - 1		Lens FOV 75-39° Converted FOV 130-68°
		Sony SEL2870 FE 28-70mm F3.5-5.6 OSS	37141 SE2870-Z		37403 N100 Extension Ring 50	* 85203 N100 WACP-1		Lens FOV 75-34° Converted FOV 130-59°
			37167 SE2870-F	¹ 37305 N100 to N120 35.5mm Port Adaptor II	21120 Extension Ring 20 with Lock	85201 WACP - 1		Lens FOV 75-34° Converted FOV 130-59°
Sigma 24-70mm f/2.8 DG DN Art	37171 SSF2470-Z	¹ 37305 N100 to N120 35.5mm Port Adaptor II	21140 Extension Ring 40 with Lock	85201 WACP - 1		Lens FOV 73° Converted FOV 127° Zoom Range 29mm		
	Tamron 28-75mm f/2.8 Di III RXD	37159 STE2875-Z	¹ 37305 N100 to N120 35.5mm Port Adaptor II	21135 Extension Ring 35 with Lock	85201 WACP - 1		Lens FOV 75-52° Converted FOV 130-90° Zoom Range 28-45mm	
37159 + 37160 STE2875-Z + STE2875-F								
MICRO FOUR THIRDS	STANDARD ZOOM FOUR THIRDS	Olympus M.ZUIKO DIGITAL ED 12-40mm f/2.8 PRO	36045 O1240-Z	36052 N85 to N120 47mm Port Adaptor with Zoom Knob		85201 WACP - 1		Lens FOV 75-45° Converted FOV 130-57° Zoom Range 14-32mm
		*Please refer to the following page for more setup options		¹ SN297188 onwards for NA-EM1X				

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0.36X WIDE ANGLE CONVERSION PORT WACP-1 FOR FULL FRAME 28MM EQUIVARIANT LENS TO EXTREME SHARP 130°

		CAMERA LENS	GEAR	PORT ADAPTOR	EXTENSION RING	PORT	OPTICAL PERFORMANCE		
N85 MICRO FOUR THIRDS	STANDARD ZOOM FOUR THIRDS	Olympus M.ZUIKO DIGITAL ED 12-40mm f/2.8 PRO	36045 + 36065 O1240-Z + O1240-F	36401 N85 to N120 55mm Port Adaptor with Lens Control Knob <small>* SN393297 onwards for NA-EM1X</small>		* 85201 WACP - 1	Lens FOV	75-45°	
							Converted FOV	130-68°	
								Zoom Range	14-26mm
		Olympus M.ZUIKO DIGITAL ED 12-45mm f/4 PRO	36069 O1245-Z	36064 N85 to N120 34.7mm Port Adaptor		85201 WACP - 1 <small>* this setup is not compatible with NA-EM1X</small>	Lens FOV	75-45°	
							Converted FOV	130-58°	
							Zoom Range	14-29mm	
		Panasonic LUMIX G X Vario 12-35mm F2.8 I/ II ASPH. POWER O.I.S.	36148 P1235-Z	36064 N85 to N120 34.7mm Port Adaptor		85201 WACP - 1 <small>* this setup is not compatible with NA-EM1X</small>	Lens FOV	75-52°	
							Converted FOV	130-90°	
							Zoom Range	14-22mm	
			36148 + 36042 P1235-Z + P1235-F	36052 N85 to N120 47mm Port Adaptor with Zoom Knob <small>* SN297188 onwards for NA-EM1X</small>		* 85201 WACP - 1	Lens FOV	75-40°	
							Converted FOV	130-69°	
							Zoom Range	14-30mm	

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85201
0.36X WIDE ANGLE CONVERSION PORT WACP-1

Package includes :

Hard Lens Cap
Rear Port Cap
N120 to N100 35mm Port Adaptor (pre-installed)
Aluminium Float Collar (pre-installed)
Spare O-ring 90140
Lubricant
Cleaning Cloth
Carrying Bag

85202
0.36X WIDE ANGLE CONVERSION PORT WACP-1 FOR SIGMA 18-35mm F1.8

Package includes :

Hard Lens Cap
Rear Port Cap
N120 to N100 35mm Port Adaptor (pre-installed)
Extension Ring 65mm with Lock (pre-installed)
Aluminium Float Collar (pre-installed)
Spare O-ring 90140
Lubricant
Carrying Bag

85203
N100 0.36X WIDE ANGLE CONVERSION PORT WACP-1

Package includes :

Hard Lens Cap
Rear Port Cap
N100 Extension Ring 35mm with Lock (pre-installed)
Aluminium Float Collar (pre-installed)
Spare O-ring 90140
Lubricant
Carrying Bag

Specification (85201)

Dimension (dia x length) 194 x 176 mm
Weight in Air 3.90 kg
Buoyancy in Water - 0.32 kg
Body Construction Hard-anodized aluminum alloy
Lens Construction 6 Elements in 5 Groups
Lens Coating Anti-reflection Coating on both sides
Lens Mount N120 Port Mount
Depth Rating 100m

Focal Distance From front element of lens to infinity
Field of View (UW) 130° (ref 28mm equiv.)



0.57X WIDE ANGLE CONVERSION PORT 2 WACP-2 FOR FULL FRAME 14MM EQUIVAMENT LENS TO 140° FULL ZOOM-THROUGH

		CAMERA LENS	GEAR	EXTENSION RING	PORT		OPTICAL PERFORMANCE
N120 CINEMA SYSTEM (RED, CANON, PANASONIC, Z-CAM, BLACKMAGIC)	WIDE ANGLE APS-C	Canon EF-S 10-18mm f/4.5-5.6 IS STM	16340 RC1018 Gear Set		85204 WACP - 2	On APS-C Sensor	Lens FOV 108-75° Converted FOV 128-85°
		Canon EF-S 10-22mm f/3.5-4.5 IS USM	16303 + 16304 RC1022-Z + RC1022-F	21110 Extension Ring 10 with Screws	85204 WACP - 2	On APS-C Sensor	Lens FOV 108-63° Converted FOV 128-72°
		Tokina AT-X 11-20mm F2.8 PRO DX	16328 RTC1120 Gear Set	21120 Extension Ring 20 with Lock	85204 WACP - 2	On APS-C Sensor	Lens FOV 100-68° Converted FOV 118-78°
		Tokina AT-X 116 PRO DX AF 11-16mm f/2.8	16309 + 16310 RSC1116-Z + RSC1116-F	21110 Extension Ring 10 with Screws	85204 WACP - 2	On APS-C Sensor	Lens FOV 110-81° Converted FOV 118-92°
WIDE ANGLE FULL FRAME	N120 NIKON F-MOUNT FX	Canon EF 16-35mm f/2.8 II USM	16311 + 16312 RC1635II-Z + RC1635II-F	21130 Extension Ring 30 with Lock	85204 WACP - 2	On APS-C Sensor On Full Frame Sensor	Lens FOV 84-44° Converted FOV 98-51° 107-63° 128-72°
		Canon EF 16-35mm f/2.8 III USM	16325 RC1635III Gear Set	21150 Extension Ring 50 with Lock	85204 WACP - 2	On APS-C Sensor On Full Frame Sensor	Lens FOV 84-44° Converted FOV 98-51° 107-63° 128-72°
		Canon EF 16-35mm f/4L IS USM	16317 + 16318 RC1635f4-Z + RC1635f4-F	21130 Extension Ring 30 with Lock	85204 WACP - 2	On APS-C Sensor On Full Frame Sensor	Lens FOV 84-44° Converted FOV 98-51° 107-63° 128-72°
		Canon RF 14-35mm f/4L IS USM	16342 CR1435 Gear Set	21110 Extension Ring 10 with Screws	85204 WACP - 2	On APS-C Sensor On Full Frame Sensor	Lens FOV 89-42° Converted FOV 104-48° 114-63° 140-72°
		Canon RF 15-35mm f/2.8L IS USM	16341 CR1535 Gear Set	21135 Extension Ring 35 with Lock	* 85204 WACP - 2	On APS-C Sensor On Full Frame Sensor	Lens FOV 84-42° Converted FOV 98-48° 110-63° 133-72°
WIDE ANGLE FX	N120 NIKON F-MOUNT FX	Nikon AF-S NIKKOR 16-35mm f/4G ED VR	19138 N1635-Z	21150 Extension Ring 50 with Lock	* 85204 WACP - 2		Lens FOV 105-63° Converted FOV 128-72°
			19138 + 19142 N1635-Z + N1635-F	21240 Extension Ring 40 with Focus Knob	85204 WACP - 2		Lens FOV 105-63° Converted FOV 128-72°
		Nikon AF-S 17-35mm f/2.8D IF-ED	19130 N1735-Z	21130 Extension Ring 30 with Lock	85204 WACP - 2		Lens FOV 104-63° Converted FOV 123-72°

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0.57X WIDE ANGLE CONVERSION PORT 2 WACP-2 FOR FULL FRAME 14MM EQUIVAMENT LENS TO 140° FULL ZOOM-THROUGH

		CAMERA LENS	GEAR	EXTENSION RING	PORT	OPTICAL PERFORMANCE	
N120 NIKON Z-MOUNT	STANDARD ZOOM FULL FRAME	Nikkor Z 24-70mm f/2.8 S Lens	19157 NZ2470f2.8S-Z	21125 Extension Ring 25 with Lock	85204 WACP - 2	Lens FOV Converted FOV Zoom Range	84-46° 98-56° 24-50mm
	WIDE ANGLE FULL FRAME	Nikkor Z 14-24mm f/2.8 S	19160 NZ1424-Z	21110 Extension Ring 10 with Screws	85204 WACP - 2	Lens FOV Converted FOV	114-87° 140-98°
		Nikkor Z 14-30mm f/4 S	19156 NZ1430-Z		85204 WACP - 2	Lens FOV Converted FOV	114-72° 140-81°
N120 CANON EF-MOUNT	WIDE ANGLE APS-C	Canon EF-S 10-18mm f/4.5-5.6 IS STM	19549 C1018-Z		85204 WACP - 2	Lens FOV Converted FOV	108-75° 128-85°
		Canon EF-S 10-22mm f/3.5-4.5 IS STM	19525 C1022-Z	21110 Extension Ring 10 with Screws	85204 WACP - 2	Lens FOV Converted FOV	108-63° 128-72°
		Tokina AT-X 11-20mm F2.8 PRO DX	19573 CT1120-Z	21120 Extension Ring 20 with Lock	85204 WACP - 2	Lens FOV Converted FOV	104-72° 123-81°
		Tokina AT-X 116 PRO DX AF 11-16mm f/2.8	19530 TC1116-Z	21110 Extension Ring 10 with Screws	85204 WACP - 2	Lens FOV Converted FOV	110-81° 133-93°
	WIDE ANGLE FULL FRAME	Canon EF 16-35mm f/2.8 II USM	19527 C1635II-Z	21130 Extension Ring 30 with Lock	85204 WACP - 2	Lens FOV Converted FOV	107-63° 128-72°
			19527 + 19542 C1635II-Z + C1635II-F	21230 Extension Ring 30 with Focus Knob	* 85204 WACP - 2	Lens FOV Converted FOV	107-63° 128-72°
		Canon EF 16-35mm f/2.8 III USM	19554 C1635III-Z	21150 Extension Ring 50 with Lock	85204 WACP - 2	Lens FOV Converted FOV	107-63° 128-72°
			19554 + 19555 C1635III-Z + C1635III-F	21250 Extension Ring 50 with Focus Knob	* 85204 WACP - 2	Lens FOV Converted FOV	107-63° 128-72°
Canon EF 16-35mm f/4 IS USM	19548 C1635f4-Z	21130 Extension Ring 30 with Lock	85204 WACP - 2	Lens FOV Converted FOV	108-63° 128-72°		
	19548 + 19572 C1635f4-Z + WC1635f4-F	21235 Extension Ring 35 with Focus Knob	85204 WACP - 2	Lens FOV Converted FOV	108-63° 128-72°		

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0.57X WIDE ANGLE CONVERSION PORT 2 WACP-2 FOR FULL FRAME 14MM EQUIVAMENT LENS TO 140° FULL ZOOM-THROUGH

		CAMERA LENS	GEAR	EXTENSION RING	PORT	OPTICAL PERFORMANCE		
N120 CANON RF-MOUNT	WIDE ANGLE FULL FRAME	Canon RF 14-35mm f/4L IS USM	19574 CR1435-Z	21110 Extension Ring 10 with Screws	85204 WACP - 2	Lens FOV	114-63°	
						Converted FOV	140-72°	
		Canon RF 15-35mm f/2.8L IS USM	19569 CR1535-Z	21135 Extension Ring 35 with Lock	85204 WACP - 2	Lens FOV	110-63°	
						Converted FOV	133-72°	
			19569 + 19571 CR1535-Z + WCR1535-F	21235 Extension Ring 35 with Focus Knob	* 85204 WACP - 2	Lens FOV	110-63°	
						Converted FOV	133-72°	
N120 PANASONIC	WIDE ANGLE FULL FRAME	Panasonic Lumix S PRO 16-35mm f/4	19728 PL1635-Z		85204 WACP - 2	Lens FOV	105-63°	
						Converted FOV	128-72°	
		Sigma 14-24mm F2.8 DG DN Art	19726 SLE1424-Z	21125 Extension Ring 25 with Lock	85204 WACP - 2	Lens FOV	94-84°	
						Converted FOV	115-98°	
						Zoom Range	20-24mm	
N120 FUJIFILM G-MOUNT	MACRO MEDIUM FORMAT	Laowa 17mm f/4 GFX Zero-D	19824 + 19825 GL17-A + GL17-F	21235 Extension Ring 35 with Focus Knob	85204 WACP - 2	Lens FOV	114°	
						Converted FOV	140°	
	WIDE ANGLE MEDIUM FORMAT	Fujifilm GF 23mm F4 R LM WR		21120 Extension Ring 20 with Lock	85204 WACP - 2	Lens FOV	100°	
						Converted FOV	118°	
		Canon EF 16-35mm f/2.8 III USM	TBD CGF1635III-Z	21180 Extension Ring 80	85204 WACP - 2	Lens FOV	107-63°	
						Converted FOV	128-72°	
		Canon EF 16-35mm f/4 IS USM	TBD CGF1635f4-Z	21160 Extension Ring 60	85204 WACP - 2	Lens FOV	107-63°	
						Converted FOV	128-72°	
N100 SONY E-MOUNT	STANDARD ZOOM FULL FRAME	Sony SEL2470GM FE 24-70mm F2.8 GM	37151 SFE2470GM-Z	¹ 37305 N100 to N120 35.5mm Port Adaptor II	21130 Extension Ring 30 with Lock	85204 WACP - 2	Lens FOV	84-34°
							Converted FOV	98-72°
			37151 + 37152 SFE2470GM-Z + SFE2470GM-F			Zoom Range	24-35mm	
		Sony SEL2470Z Vario-Tessar T* FE 24-70mm F4 ZA OSS	37149 SE2470-Z	¹ 37305 N100 to N120 35.5mm Port Adaptor II		Lens FOV	84-34°	
						Converted FOV	98-72°	
			37149 + 37148 SE2470-Z +			Zoom Range	24-35mm	

1. # 37305 can be used on all Sony A series housings. #37303 can also be used on NA-A7RII, NA-A7RIII and NA-A9 housings.

* Recommended port system based on best optical performance

1. # 37305 can be used on all Sony A series housings. #37303 can also be used on NA-A7RII, NA-A7RIII and NA-A9 housings.

* [Recommended port system based on best optical performance](#)



0.57X WIDE ANGLE CONVERSION PORT 2 WACP-2 FOR FULL FRAME 14MM EQUIVAMENT LENS TO 140° FULL ZOOM-THROUGH

		CAMERA LENS	GEAR	PORT ADAPTOR	EXTENSION RING	PORT	OPTICAL PERFORMANCE	
STANDARD ZOOM		Sigma 24-70mm f/2.8 DG DN Art	37171 SSF2470-Z	¹ 37305 N100 to N120 35.5mm Port Adaptor II	21120 Extension Ring 20 with Lock	85204 WACP - 2	Lens FOV Converted FOV Zoom Range	84-64° 98-74° 24-34mm
		Sony FE 14mm f/1.8 GM		37306 N100 to N120 25mm Port Adaptor		85204 WACP - 2	Lens FOV Converted FOV	114° 140°
N100 SONY E-MOUNT WIDE ANGLE FULL FRAME		Sony SEL1635GM FE 16-35mm F2.8 GM	37155 SFE1635GM-Z	¹ 37305 N100 to N120 35.5mm Port Adaptor II	21130 Extension Ring 30 with Lock	85204 WACP - 2	Lens FOV Converted FOV	107-63° 128-77°
			37155 + 37156 SFE1635GM-Z SFE1635GM-F					
		Sony SEL1635Z Vario-Tessar T* FE 16-35mm F4 ZA OSS	37145 + 37146 SE1635-Z + SE1635-F	¹ 37305 N100 to N120 35.5mm Port Adaptor II	21110 Extension Ring 10 with Screws	85204 WACP - 2	Lens FOV Converted FOV	107-63° 128-77°
		Sony FE 24mm f/1.4 GM		¹ 37305 N100 to N120 35.5mm Port Adaptor II		85204 WACP - 2	Lens FOV Converted FOV	84° 98°
		Sigma 14-24mm F2.8 DG DN	19726 SLE1424-Z	¹ 37305 N100 to N120 35.5mm Port Adaptor II	21125 Extension Ring 25 with Lock	85204 WACP - 2	Lens FOV Converted FOV Zoom Range	94-84° 115-98° 20-24mm
		Tamron 17-28mm f/2.8 Di III RXD	37157 STE1728-Z	¹ 37305 N100 to N120 35.5mm Port Adaptor II		85204 WACP - 2	Lens FOV Converted FOV	104-75° 123-89°
		37157 + 37158 STE1728-Z + STE1728-F						

1. # 37305 can be used on all Sony A series housings. #37303 can also be used on NA-A7RII, NA-A7RIII and NA-A9 housings.

* Recommended port system based on best optical performance

85204
0.57X WIDE ANGLE CONVERSION PORT WACP-2

Package includes :

Hard Lens Cap
Rear Port Cap
Spare O-ring 90140
Lubricant
Cleaning Cloth
Carrying Bag

Specification

Dimension (dia x length)	267 x 220 mm
Weight in Air	7.35 kg
Buoyancy in Water	0.27 kg
Body Construction	Hard-anodized aluminum alloy
Lens Construction	4 Elements in 4 Groups
Lens Coating	Anti-reflection Coating on both sides
Lens Mount	N120 Port Mount
Depth Rating	100m

Focal Distance	From front element of lens to infinity
Field of View (Underwater)	140° (ref 14mm equiv.)



MACRO TO WIDE ANGLE LENS 1 MWL-1

FOR FULL FRAME 60MM EQUIVAMENT MACRO LENS TO 150° ULTRA WIDE WET-MOUNTED

		CAMERA LENS	GEAR	PORT BASE / PORT ADAPTOR	EXTENSION RING	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE	
N120 NIKON F-MOUNT	MACRO DX	Nikon AF-S DX Micro NIKKOR 40mm f/2.8G DX	19152 N40G-F			18705 Macro Port 45	83250 M67 to Bayonet Mount Converter II <i>(included in all MWL-1 packaging)</i>	86201 MWL - 1	Lens FOV Converted FOV Working Distance	39° 150° 40mm
	MACRO FX	Nikon AF-S Micro NIKKOR 60mm f/2.8G ED	19121 N60G-F			18701 Macro Port 60	83250 M67 to Bayonet Mount Converter II <i>(included in all MWL-1 packaging)</i>	86201 MWL - 1	Lens FOV Converted FOV Working Distance	39° 150° 40mm
	STANDARD ZOOM	Nikon AF-S DX Micro NIKKOR 18-55mm f/3.5-5.6G VR II	19144 N1855VRII-Z	18211 Compact Port Base		18304 Compact Port 15 with M67 Thread	83250 M67 to Bayonet Mount Converter II <i>(included in all MWL-1 packaging)</i>	86201 MWL - 1	Lens FOV Converted FOV Working Distance	40-29° 150-109° 40-55mm
N120 CANON EF-MOUNT	MACRO FULL	Canon EF 40mm f2.8 STM <i>* This setup can only be used on APS-C sensor camera</i>				18706 Macro Port 12	83250 M67 to Bayonet Mount Converter II <i>(included in all MWL-1 packaging)</i>	86201 MWL - 1	On APS-C Sensor Lens FOV Converted FOV Working Distance	37° 135° 40mm
	STANDARD ZOOM 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	83250 M67 to Bayonet Mount Converter II <i>(included in all MWL-1 packaging)</i>	86201 MWL - 1	Lens FOV Converted FOV Working Distance	36-30° 135-113° 66-80mm
		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	83250 M67 to Bayonet Mount Converter II <i>(included in all MWL-1 packaging)</i>	86201 MWL - 1	Lens FOV Converted FOV Working Distance	37.5-30° 138-93° 63-80mm
N120 CANON RF-	WIDE ANGLE FULL FRAME	Canon RF 35mm f/1.8 IS Macro STM			21110 Extension Ring 10 with Screws	18706 Macro Port 12	83250 M67 to Bayonet Mount Converter II <i>(included in all MWL-1 packaging)</i>	86201 MWL - 1	Lens FOV Converted FOV	42° 158°
N120 NIKON Z-MOUNT	MACRO APS-C	NIKKOR Z MC 50mm f/2.8 Macro			37401 N100 Extension Ring 30	37601 N100 Flat Port 29	83250 M67 to Bayonet Mount Converter II <i>(included in all MWL-1 packaging)</i>	86201 MWL - 1	Lens FOV Converted FOV	31.5° 119°
						37124 Flat port 66 with M77 Thread	83251 M77 to Bayonet Mount Converter II <i>(included in all MWL-1 packaging)</i>	86201 MWL - 1	Lens FOV Converted FOV	31.5° 119°
N100 FUJIFILM X-MOUNT	MACRO APS-C	Zeiss Touit 50mm f/2.8M			37401 N100 Extension Ring 30	37127 N100 Flat Port 32	83250 M67 to Bayonet Mount Converter II <i>(included in all MWL-1 packaging)</i>	86201 MWL - 1	Lens FOV Converted FOV	31° 116°
					36471 N100 to N85 Port Adaptor	36135 N85 Flat Port 45				





MACRO TO WIDE ANGLE LENS 1 MWL-1

FOR FULL FRAME 60MM EQUIVAMENT MACRO LENS TO 150° ULTRA WIDE WET-MOUNTED

		CAMERA LENS / CAMERA HOUSING	GEAR	PORT ADAPTOR	EXTENSION RING	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE	
N100 FUJIFILM X-MOUNT	STANDARD ZOOM APS-C	Fujifilm XC 15-45mm f/3.5-5.6 OIS PZ	36476 X1545PZ-Z			36478 N100 Flat Port 40	83250 M67 to Bayonet Mount Converter II <i>(included in all MWL-1 packaging)</i>	86201 MWL - 1	Lens FOV Converted FOV Working Distance	39-35° 150-114° 40-45mm
	STANDARD ZOOM FULL FRAME	Sony SEL2870 FE 28-70mm F3.5-5.6 OSS	37141 SE2870-Z			37124 Flat port 66 with M77 Thread	83251 M77 to Bayonet Mount Converter II	86201 MWL - 1	Lens FOV Converted FOV Working Distance	39-34° 150-110° 60-70mm
N85 MICRO FOUR THIRDS	MACRO FOUR THIRDS	Olympus M.Zuiko Digital ED 30mm f3.5 Macro				36135 N85 Macro Port 45	83250 M67 to Bayonet Mount Converter II <i>(included in all MWL-1 packaging)</i>	86201 MWL - 1	Lens FOV Converted FOV Working Distance	39° 150° 30mm
	STANDARD ZOOM FOUR THIRDS	Panasonic Lumix G Macro 30mm f/2.8 Asph. Mega O.I.S.				36135 N85 Macro Port 45	83250 M67 to Bayonet Mount Converter II <i>(included in all MWL-1 packaging)</i>	86201 MWL - 1	Lens FOV Converted FOV Working Distance	39° 150° 30mm
N85 MICRO FOUR THIRDS	STANDARD ZOOM FOUR THIRDS	Olympus M.Zuiko Digital ED 12-50mm f/3.5-6.3 EZ	36147 O1250-Z <i>* 36059 O1250-Z for NA-GH5 & NA-EM1X</i>			36161 N85 Macro Port with M77 Thread	83251 M77 to Bayonet Mount Converter II	86201 MWL - 1	Lens FOV Converted FOV Working Distance	39-34° 150-71° 30-50mm
N85 SONY E-MOUNT	MACRO APS-C	ZEISS Touit 50mm f/2.8M Macro			36630 N85 Extension Ring 30	36135 N85 Macro Port 45	83250 M67 to Bayonet Mount Converter II <i>(included in all MWL-1 packaging)</i>	86201 MWL - 1	Lens FOV Converted FOV	31° 116°
	STANDARD ZOOM APS-C	Sony Vario-Tessar T* E 16-70mm f/4 ZA OSS	36174 SE1670-Z	¹ 36207 N85 to N120 50mm Port Adaptor II with Knob		18705 Macro Port 45	83250 M67 to Bayonet Mount Converter II <i>(included in all MWL-1 packaging)</i>	86201 MWL - 1	Lens FOV Converted FOV Working Distance	83-23° 100-82° 50-60mm
OMPACT & N50	SONY	Sony Cyber-shot DSC-RX100 Mark V (17418/17418P NA-RX100V / Pro Package) * 24-70mm (35mm equivalent) * Port is inexchangable					83250 M67 to Bayonet Mount Converter II <i>(included in all MWL-1 packaging)</i>	86201 MWL - 1	Lens FOV Converted FOV Working Distance	37-34° 138-128° 65-70mm



for this housing



MACRO TO WIDE ANGLE LENS 1 MWL-1

FOR FULL FRAME 60MM EQUIVALENT MACRO LENS TO 150° ULTRA WIDE WET-MOUNTED

		CAMERA LENS / CAMERA HOUSING	GEAR	PORT ADAPTOR	EXTENSION RING	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE	
COMPACT & N50	SONY	Sony Cyber-shot DSC-RX100 Mark VI (17421/17421P NA-RX100VI / Pro Package)				38703 N50 Short Port 25 with Bayonet Mount <i>* change port from housing</i>		86201 MWL - 1	Lens FOV 40-37° Converted FOV 150-138° Working Distance 60-65mm	
		* 24-200mm (35mm equivalent)								
		* Port is exchangeable for this housing								
		Sony Cyber-shot DSC-RX100 Mark VII (17424/17424P NA-RX100VII / Pro Package)				38703 N50 Short Port 25 with Bayonet Mount <i>* change port from housing</i>		86201 MWL - 1	Lens FOV 37° Converted FOV 138° Working Distance 65mm	
		* 24-200mm (35mm equivalent)								
		* Port is exchangeable for this housing								

86201

MACRO TO WIDE ANGLE LENS 1 MWL-1

Package includes :

M67 to Bayonet Mount Converter II	#83250
Hard Lens Cap	#86235
Rear Lens Cap	#83221
Bayonet Mounting Ring for MWL-1	(pre-installed)
Cleaning Cloth	
Carrying Bag	

Accessories

M67 Flip Holder for MWL-1	#86221
Double Flip Holder for MWL-1	#86222
Bayonet Mount Lens Holder II for Arms	#83252
Bayonet Mount Double Lens Holder II for Arms	#83253
Neoprene Cover for MWL-1	#86234

Specification

Dimension (dia x length)	108 x 120 mm
Weight in Air	1.20 kg
Buoyancy in Water	- 0.58 kg
Body Construction	Hard-anodized aluminum alloy
Lens Construction	7 Elements in 5 Groups (inc. one aspherical element)
Lens Coating	Anti-reflection Coating on both sides
Lens Mount	Bayonet / M67
Depth Rating	100m

Focal Distance	From front element of lens to infinity
Field of View (Underwater)	150° (ref 60mm equiv.)



WET WIDE LENS WWL-1/1B FOR FULL FRAME 28MM EQUIVALENT LENS TO 130° FULL ZOOM-THROUGH

		CAMERA LENS	GEAR	EXTENSION RING	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE	
N100 FUJIFILM X-MOUNT	STANDARD ZOOM APSC	Fujifilm XC 15-45mm f/3.5-5.6 OIS PZ	36476 X1545PZ-Z	36478 N100 Flat Port 40		83250 M67 to Bayonet Mount Converter II	¹ 83201 WWL - 1	Lens FOV 75-35° Converted FOV 130-60° Zoom Range 18-45mm	
							83202 WWL - 1B	Lens FOV 75-35° Converted FOV 130-60° Zoom Range 18-45mm	
	WIDE ANGLE APSC	Fujifilm XF 18mm f/2 R			36472 N100 Flat Port 13		83250 M67 to Bayonet Mount Converter II	¹ 83201 WWL - 1	Lens FOV 76.5° Converted FOV 132°
		Fujifilm XF 23mm f/2 R			37127 N100 Flat Port 32		83250 M67 to Bayonet Mount Converter II	¹ 83201 WWL - 1	Lens FOV 63.4° Converted FOV 110°
N100 NIKON Z-MOUNT	STANDARD ZOOM DX	NIKKOR Z DX 16-50mm f/3.5-6.3 VR	37602 Z1650PZ-Z		37601 N100 Flat Port 29	83250 M67 to Bayonet Mount Converter II	¹ 83201 WWL - 1	Lens FOV 72-31.5° Converted FOV 125-55° Zoom Range 20-50mm	
							83202 WWL - 1B	Lens FOV 72-31.5° Converted FOV 125-55° Zoom Range 20-50mm	
N100 SONY E-MOUNT	STANDARD ZOOM FULL FRAME	Sony SEL2860 FE 28-60mm F4-5.6	37163 + 37164 SFE2860-Z + SFE2860-F		37165 N100 Flat Port 45 with Focus Knob	83250 M67 to Bayonet Mount Converter II	¹ 83201 WWL - 1	Lens FOV 75-40° Converted FOV 130-69°	
							83202 WWL - 1B	Lens FOV 75-40° Converted FOV 130-69°	
N85 MICRO FOUR THIRDS	STANDARD ZOOM FOUR THIRDS	Olympus M.Zuiko Digital 14-42mm f/3.5-6.3 II R	36143 O1442-Z		36136 N85 Macro Port 56	83250 M67 to Bayonet Mount Converter II	¹ 83201 WWL - 1	Lens FOV 75-29° Converted FOV 130-50°	
							83202 WWL - 1B	Lens FOV 75-29° Converted FOV 130-50°	
			36143 + 36067 O1442-Z + O1442-F		36166 N85 Macro Port 56 with Focus Knob	83250 M67 to Bayonet Mount Converter II	¹ 83201 WWL - 1	Lens FOV 75-29° Converted FOV 130-50° * zoom range for BMPCC II 16-42mm	
							83202 WWL - 1B	Lens FOV 75-29° Converted FOV 130-50° * zoom range for BMPCC II 16-42mm	
		Olympus M.Zuiko Digital 14-42mm f/3.5-5.6 EZ	36047 O1442EZ-Z		36165 N85 Power Zoom Macro Port 29	83250 M67 to Bayonet Mount Converter II	¹ 83201 WWL - 1	Lens FOV 75-29° Converted FOV 130-50°	
							83202 WWL - 1B	Lens FOV 75-29° Converted FOV 130-50°	

¹. We recommend to use #83201 WWL-1 with the pre-installed bayonet mounting ring. #83211 M67 mounting ring (included in WWL-1 package) can also be mounted on the WWL-1 and attach on M67 threaded port directly.



WET WIDE LENS WWL-1/1B

FOR FULL FRAME 28MM EQUIVAMENT LENS TO 130° FULL ZOOM-THROUGH

	CAMERA LENS / CAMERA HOUSING	GEAR	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE	
N85 MICRO FOUR THIRDS	STANDARD ZOOM FOUR THIRDS	Panasonic LUMIX G VARIO 12-32mm F3.5-5.6 ASPH. ASPH. MEGA O.I.S.	36046 P1232-Z	36165 N85 Power Zoom Macro Port 29	83250 M67 to Bayonet Mount Converter II	¹ 83201 WWL - 1 83202 WWL - 1B	Lens FOV 75-37° Converted FOV 130-64° Zoom Range 13-32mm Lens FOV 75-37° Converted FOV 130-64° Zoom Range 13-32mm
		Panasonic LUMIX G Vario 14-42mm F3.5-5.6 II ASPH. MEGA O.I.S.	36057 P1442II-Z	36139 N85 Flat Port 35	83250 M67 to Bayonet Mount Converter II	¹ 83201 WWL - 1 83202 WWL - 1B	Lens FOV 75-29° Converted FOV 130-50° Lens FOV 75-29° Converted FOV 130-50°
		Panasonic LUMIX G Vario PZ 14-42mm F3.5-5.6 ASPH. POWER O.I.S.	36146 P1442X-PZ * 36061 P1442X-PZ for NA-GH5	36165 N85 Power Zoom Macro Port 29	83250 M67 to Bayonet Mount Converter II	¹ 83201 WWL - 1 83202 WWL - 1B	Lens FOV 75-29° Converted FOV 130-50° Lens FOV 75-29° Converted FOV 130-50°
N85 SONY E-MOUNT	STANDARD ZOOM	Sony E PZ 16-50mm f/3.5-5.6 OSS	36172 SE1650-PZ	36128 N85 Macro Port 45 with Knob	83250 M67 to Bayonet Mount Converter II	¹ 83201 WWL - 1 83202 WWL - 1B	Lens FOV 63-31° Converted FOV 110-54° Zoom Range 20-50mm Lens FOV 63-31° Converted FOV 110-54° Zoom Range 20-50mm
		WIDE ANGLE APS-C	Sigma 19mm f/2.8 DN Art		36135 N85 Macro Port 45	83250 M67 to Bayonet Mount Converter II	¹ 83201 WWL - 1 83202 WWL - 1B
N85 CANON EF-M-MOUNT	STANDARD ZOOM APS-C	Canon EF-M 15-45mm f/3.5-6.3 IS STM	36195 CM1545-Z	36128 N85 Macro Port 45 with Knob	83250 M67 to Bayonet Mount Converter II	¹ 83201 WWL - 1 83202 WWL - 1B	Lens FOV 74-33° Converted FOV 128-57° Zoom Range 18-45mm Lens FOV 74-33° Converted FOV 128-57° Zoom Range 18-45mm
		Canon EF-M 22mm f/2 STM		36126 E16 Mancake Port	83250 M67 to Bayonet Mount Converter II	¹ 83201 WWL - 1 83202 WWL - 1B	Lens FOV 63° Converted FOV 109° Lens FOV 63° Converted FOV 109°
COMPACT & N50	SONY	Sony Cyber-shot DSC-RX100 Mark V (17418/17418P NA-RX100V / Pro Package) * 24-70mm (35mm equivalent)			83250 M67 to Bayonet Mount Converter II	¹ 83201 WWL - 1 83202 WWL - 1B	Lens FOV 75-34° Converted FOV 130-58° Zoom Range 28-70mm Lens FOV 75-34° Converted FOV 130-58° Zoom Range 28-70mm
		Sony Cyber-shot DSC-RX100 Mark VI (17421/17421P NA-RX100VI / Pro Package) * 24-200mm (35mm equivalent)		38703 N50 Short Port 25 with Bayonet Mount * change port from housing		¹ 83201 WWL - 1 83202 WWL - 1B	Lens FOV 75-37° Converted FOV 130-64° Zoom Range 28-65mm Lens FOV 75-37° Converted FOV 130-64° Zoom Range 28-65mm

1. We recommend to use #83201 WWL-1 with the pre-installed bayonet mounting ring. #83211 M67 mounting ring (included in WWL-1 package) can also be mounted on the WWL-1 and attach on M67 threaded port directly.



WET WIDE LENS WWL-1/1B FOR FULL FRAME 28MM EQUIVAMENT LENS TO 130° FULL ZOOM-THROUGH

	CAMERA HOUSING	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE
SONY	Sony Cyber-shot DSC-RX100 Mark VII (17424/17424P NA-RX100VII / Pro Package) * 24-200mm (35mm equivalent)	38703 N50 Short Port 25 with Bayonet Mount * change port from housing		1 83201 WWL - 1	Lens FOV 75-37° Converted FOV 130-64° Zoom Range 28-65mm
				83202 WWL - 1B	Lens FOV 75-37° Converted FOV 130-64° Zoom Range 28-65mm
CANON	Canon Powershot G5XMKII (17331/17331P NA-G5XII / Pro Package) * 24-120mm (35mm equivalent)	38703 N50 Short Port 25 with Bayonet Mount * change port from housing		1 83201 WWL - 1	Lens FOV 75-46° Converted FOV 130-80° Zoom Range 28-50mm
				83202 WWL - 1B	Lens FOV 75-46° Converted FOV 130-80° Zoom Range 28-50mm
	Canon Powershot G7XMKII (17324 NA-G7XII) * 24-100mm (35mm equivalent)	38703 N50 Short Port 25 with Bayonet Mount * change port from housing		1 83201 WWL - 1	Lens FOV 75-37° Converted FOV 130-64° Zoom Range 28-65mm
				83202 WWL - 1B	Lens FOV 75-37° Converted FOV 130-64° Zoom Range 28-65mm
CANON	Canon Powershot G7XMKIII (17330/17330P NA-G7XIII / Pro Package) * 24-100mm (35mm equivalent)	38703 N50 Short Port 25 with Bayonet Mount * change port from housing		1 83201 WWL - 1	Lens FOV 75-37° Converted FOV 130-64° Zoom Range 28-65mm
				83202 WWL - 1B	Lens FOV 75-37° Converted FOV 130-64° Zoom Range 28-65mm
PANASONIC	Panasonic Lumix DC-LX100II (17717 NA-LX100II) * 24-75mm (35mm equivalent)	38703 N50 Short Port 25 with Bayonet Mount * change port from housing		1 83201 WWL - 1	Lens FOV 75-57° Converted FOV 130-99° Zoom Range 28-40mm
				83202 WWL - 1B	Lens FOV 75-57° Converted FOV 130-99° Zoom Range 28-40mm
	Panasonic Lumix DC-LX10 (LX15) (17714 NA-LX10) * 24-72mm (35mm equivalent)	38704 N50 Short Port 22 with Bayonet Mount * change port from housing		1 83201 WWL - 1	Lens FOV 75-72° Converted FOV 130-125° Zoom Range 28-30mm
				83202 WWL - 1B	Lens FOV 75-72° Converted FOV 130-125° Zoom Range 28-30mm
			83250 M67 to Bayonet Mount Converter II	1 83201 WWL - 1	Lens FOV 75-34° Converted FOV 130-58° Zoom Range 28-70mm
				83202 WWL - 1B	Lens FOV 75-34° Converted FOV 130-58° Zoom Range 28-70mm

1. We recommend to use #83201 WWL-1 with the pre-installed bayonet mounting ring. #83211 M67 mounting ring (included in WWL-1 package) can also be mounted on the WWL-1 and attach on M67 threaded port directly.



WET WIDE LENS WWL-1/1B FOR FULL FRAME 28MM EQUIVAMENT LENS TO 130° FULL ZOOM-THROUGH

CAMERA HOUSING		MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE
COMPACT & N50	OLYMPUS Olympus Tough TG5/TG6 (17812 NA-TG5 with M52 Thread) * 24-100mm (35mm equivalent)	83255 M52 to Bayonet Mount Converter for NA-TG5	¹ 83201 WWL - 1 * WWL-1B is incompatible	Lens FOV 75-24° Converted FOV 130-42° Zoom Range 28-100mm
		38024 + 83211 M52 to M67 Step Up Adaptor Ring + M67 Mounting Ring for WWL-1 (83211 is included in all WWL-1 packaging)	83201 WWL - 1 * WWL-1B is incompatible	Lens FOV 75-24° Converted FOV 130-42° Zoom Range 28-100mm
	Olympus Tough TG5/TG6 (17816 NA-TG6 with Bayonet Mount) * 24-100mm (35mm equivalent)		¹ 83201 WWL - 1 * WWL-1B is incompatible	Lens FOV 75-24° Converted FOV 130-42° Zoom Range 28-100mm
	Olympus PT-058/ PT-059 Underwater Housing	83256 Bayonet Mount Converter for Olympus PT-058/PT-059	¹ 83201 WWL - 1 * WWL-1B is incompatible	Lens FOV 75-24° Converted FOV 130-42° Zoom Range 28-100mm

**83201
WET WIDE LENS 1 WWL-1**

Package includes :

M67 Mounting Ring for WWL-1	#83211
Hard Lens Cap	#83224
Rear Lens Cap	#83221
Bayonet Mounting Ring for WWL-1	(pre-installed)
Cleaning Cloth	
Carrying Bag	

Accessories

Bayonet Mount Lens Holder II for Arms	#83252
Bayonet Mount Double Lens Holder II for Arms	#83253
Single Bayonet Holder II for 70mm Float Arm	#72233
Double Bayonet Holder II for 90mm Float Arm	#72244
Neoprene Cover for WWL-1B	#83232

**83202
WET WIDE LENS 1B WWL-1B**

Package includes :

Hard Lens Cap	#83224
Rear Lens Cap	#83221
Release Extension Button	
Cleaning Cloth	
Carrying Bag	

Specification (83202)

Dimension (dia x length)	156 x 97 mm
Weight in Air	1.35 kg
Buoyancy in Water	- 0.12 kg
Body Construction	Hard-anodized aluminum alloy
Lens Construction	6 Elements in 5 Groups
Lens Coating	Anti-reflection Coating
Lens Mount	Bayonet
Depth Rating	150m
Focal Distance	From front element of lens to infinity
Field of View (Underwater)	130° (ref 28mm equiv.)

¹. We recommend to use #83201 WWL-1 with the pre-installed bayonet mounting ring. #83211 M67 mounting ring (included in WWL-1 package) can also be mounted on the WWL-1 and attach on M67 threaded port directly.



WET WIDE LENS COMPACT WWL-C

FOR FULL FRAME 24MM EQUIVALENT LENS TO 130° FULL ZOOM-THROUGH

	CAMERA LENS / CAMERA HOUSING	GEAR	EXTENSION RING	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE
N100 FUJIFILM X-MOUNT STANDARD ZOOM APS-C	Fujifilm XC 15-45mm f/3.5-5.6 OIS PZ	36476 X1545PZ-Z	36478 N100 Flat Port 40		83250 M67 to Bayonet Mount Converter II	83203 WWL-C	Lens FOV Converted FOV Zoom Range 39-35° 150-114° 18-45mm
N100 NIKON Z-MOUNT STANDARD ZOOM DX	NIKKOR Z DX 16-50mm f/3.5-6.3 VR	37602 Z1650PZ-Z	37601 N100 Flat Port 29		83250 M67 to Bayonet Mount Converter II	83203 WWL-C	Lens FOV Converted FOV 84-31.5° 130-49°
N100 SONY E-MOUNT WIDE ANGLE FULL FRAME	Sony FE 24mm f/2.8 G			37130 N100 Flat Port 23	83250 M67 to Bayonet Mount Converter II	83203 WWL-C	Lens FOV Converted FOV 84° 130°
N100 SONY E-MOUNT WIDE ANGLE FULL FRAME	Sigma 24mm f/3.5 DG DN			37127 N100 Flat Port 32	83250 M67 to Bayonet Mount Converter II	83203 WWL-C	Lens FOV Converted FOV 84° 130°
N85 MICRO FOUR THIRDS STANDARD ZOOM FOUR THIRDS	Olympus M.Zuiko Digital ED 12-50mm f/3.5-6.3 EZ	36147 O1250-Z * 36059 O1250-Z for NA-GH5 & NA-EM1X		36161 N85 Macro Port with M77 Thread	83251 M77 to Bayonet Mount Converter II	83203 WWL-C	Lens FOV Converted FOV Zoom Range 72-24° 110-37° 14-50mm
N85 MICRO FOUR THIRDS STANDARD ZOOM FOUR THIRDS	Panasonic LUMIX G VARIO 12-32mm F3.5-5.6 ASPH. ASPH. MEGA O.I.S.	36046 P1232-Z		36165 N85 Power Zoom Macro Port 29	83250 M67 to Bayonet Mount Converter II	83203 WWL-C	Lens FOV Converted FOV 84-37° 130-57°
N85 SONY E-MOUNT STANDARD ZOOM APS-C	Sony E PZ 16-50mm f/3.5-5.6 OSS	36172 SE1650-PZ		36228 N85 Macro Port 40 with Knob	83250 M67 to Bayonet Mount Converter II	83203 WWL-C	Lens FOV Converted FOV Zoom Range 80-31° 124-48° 17-50mm
N85 CANON EF-M-MOUNT STANDARD ZOOM APS-C	Canon EF-M 15-45mm f/3.5-6.3 IS STM	36195 CM1545-Z		36135 N85 Macro Port 45	83250 M67 to Bayonet Mount Converter II	83203 WWL-C	Lens FOV Converted FOV Zoom Range 76-33° 117-51° 17-45mm
COMPACT & N50 SONY	Sony Cyber-shot DSC-RX100 Mark V (17418/17418P NA-RX100V / Pro Package) * 24-70mm (35mm equivalent)				83250 M67 to Bayonet Mount Converter II	83203 WWL - C	Lens FOV Converted FOV 84-34° 130-52°



WET WIDE LENS COMPACT WWL-C

FOR FULL FRAME 24MM EQUIVALENT LENS TO 130° FULL ZOOM-THROUGH

	CAMERA HOUSING	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE
SONY	Sony Cyber-shot DSC-RX100 Mark VI (17421/17421P NA-RX100VI / Pro Package) * 24-200mm (35mm equivalent)	38704 N50 Short Port 22 with Bayonet Mount * change port from housing		83203 WWL - C	Lens FOV 84-46° Converted FOV 130-70° Zoom Range 24-50mm
	Sony Cyber-shot DSC-RX100 Mark VII (17424/17424P NA-RX100VII / Pro Package) * 24-200mm (35mm equivalent)	38705 N50 Short Port 17 with Bayonet Mount * change port from housing		83203 WWL - C	Lens FOV 84-46° Converted FOV 130-70° Zoom Range 24-30mm
CANON	Canon Powershot G5XMKII (17331/17331P NA-G5XII / Pro Package) * 24-120mm (35mm equivalent)	38703 N50 Short Port 25 with Bayonet Mount * change port from housing		83203 WWL - C	Lens FOV 84-46° Converted FOV 130-71° Zoom Range 24-50mm
	Canon Powershot G7XMKII (17324 NA-G7XII) * 24-100mm (35mm equivalent)	38703 N50 Short Port 25 with Bayonet Mount * change port from housing		83203 WWL - C	Lens FOV 84-46° Converted FOV 130-71° Zoom Range 24-50mm
	Canon Powershot G7XMKIII (17330/17330P NA-G7XIII / Pro Package) * 24-100mm (35mm equivalent)	38704 N50 Short Port 22 with Bayonet Mount * change port from housing		83203 WWL - C	Lens FOV 84-46° Converted FOV 130-71° Working Distance 24-50mm
PANASONIC	Panasonic Lumix DC-LX100II (17717 NA-LX100II) * 24-75mm (35mm equivalent)	38704 N50 Short Port 22 with Bayonet Mount * change port from housing		83203 WWL - C	Lens FOV 84-72° Converted FOV 130-112° Working Distance 24-30mm
	Panasonic Lumix DC-LX10 (LX15) (17714 NA-LX10) * 24-72mm (35mm equivalent)		83250 M67 to Bayonet Mount Converter II	83203 WWL - C	Lens FOV 70-34° Converted FOV 108-53° Zoom Range 32-72mm
OLYMPUS	Olympus Tough TG5/TG6 (17812 NA-TG5 with M52 Thread) * 24-100mm (35mm equivalent)		83255 M52 to Bayonet Mount Converter for NA-TG5	83203 WWL - C	Lens FOV 84-24° Converted FOV 130-37°
	Olympus Tough TG5/TG6 (17816 NA-TG6 with Bayonet Mount) * 24-100mm (35mm equivalent)			83203 WWL - C	Lens FOV 84-24° Converted FOV 130-37°
	Olympus PT-058/ PT-059 Underwater Housing		83256 Bayonet Mount Converter for Olympus PT-058/PT-059	83203 WWL - C	Lens FOV 84-24° Converted FOV 130-37°

COMPACT & N50

83203
WET WIDE LENS COMPACT WWL-C

Package includes :

Hard Lens Cap
Rear Lens Cap
Cleaning Cloth
Carrying Bag

Specification

Dimension (dia x length)	156 x 78 mm
Weight in Air	1.09 kg
Buoyancy in Water	- 0.14 kg
Body Construction	Hard-anodized aluminum alloy
Lens Construction	4 Elements
Lens Coating	Anti-reflection Coating on both sides
Lens Mount	Bayonet
Depth Rating	100m
Focal Distance	From front element of lens to infinity
Field of View (Underwater)	130° (ref 24mm equiv.)

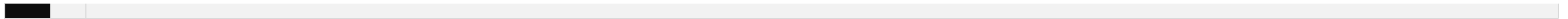
Accessories

Bayonet Mount Lens Holder II for Arms	#83252
Bayonet Mount Double Lens Holder II for Arms	#83253
Single Bayonet Holder II for 70mm Float Arm	#72233
Double Bayonet Holder II for 70mm Float Arm	#72234
Single Bayonet Holder II for 90mm Float Arm	#72243
Double Bayonet Holder II for 90mm Float Arm	#72244



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 Converted FOV 23.4° 60°/100°/130°
		Canon RF 100mm f/2.8L Macro IS USM	19575 CRF100-F <small>* please contact us if SA control is needed</small>		18703 Macro Port 94	83250 M67 to Bayonet Mount Converter II	87302 EMWL Set #2 87303 EMWL Set #3	On Full Frame Sensor Lens FOV Converted FOV 24.0° 60°/100°/130° On Full Frame Sensor Lens FOV Converted FOV 24.0° 60°/100°/130°
N120 NIKON F-MOUNT	MACRO FX	Nikon AF-S Micro NIKKOR 60mm f-2.8G ED with HOYA +4 Diopter <small>* This setup can only be use on DX sensor camera</small>	19121 N60G-F		18701 Macro Port 60	83250 M67 to Bayonet Mount Converter II	87303 EMWL Set #3	On DX Sensor Lens FOV Converted FOV 26.5° 60°/100°/130° <small>(incl. focusing unit #3, 150mm relay lens & 3 objective lenses)</small>
		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 Converted FOV 23.3° 60°/100°/130° <small>(incl. focusing unit #1, 150mm relay lens & 3 objective lenses)</small>
		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 Converted FOV 23° 60°/100°/130° <small>(incl. focusing unit #2, 150mm relay lens & 3 objective lenses)</small>
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 Converted FOV 23° 60°/100°/130° <small>(incl. focusing unit #2, 150mm relay lens & 3 objective lenses)</small>
				21120 Extension Ring 20 with Lock	18701 Macro port 60	83250 M67 to Bayonet Mount Converter II	87302 EMWL Set #2	Lens FOV Converted FOV 23° 60°/100°/130° <small>(incl. focusing unit #2, 150mm relay lens & 3 objective lenses)</small>
N120 CANON EF-MOUNT	MACRO FULL FRAME	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 Converted FOV 24.5° 60°/100°/130° <small>(incl. focusing unit #2, 150mm relay lens & 3 objective lenses)</small>
		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 Converted FOV 24° 60°/100°/130° <small>(incl. focusing unit #1, 150mm relay lens & 3 objective lenses)</small>
		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 Converted FOV 23.4° 60°/100°/130° <small>(incl. focusing unit #2, 150mm relay lens & 3 objective lenses)</small>
N120 CANON RF-MOUNT	MACRO FULL FRAME	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 Converted FOV 24° 60°/100°/130° <small>(incl. focusing unit #1, 150mm relay lens & 3 objective lenses)</small>
		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 87303 EMWL Set #3	Lens FOV Converted FOV 24.0° 60°/100°/130° <small>(incl. focusing unit #2, 150mm relay lens & 3 objective lenses)</small> Lens FOV Converted FOV 24.0° 60°/100°/130° <small>(incl. focusing unit #3, 150mm relay lens & 3 objective lenses)</small>





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

		CAMERA LENS	GEAR	EXTENSION RING	PORT	MOUNT CONVERTER	EMWL	OPTICAL PERFORMANCE	
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 Converted FOV	25.7° 60°/100°/130°
N120 PANASONIC	MACRO FULL FRAME	Sigma 105mm F2.8 DG DN Macro Art		21120 Extension Ring 20 with Lock	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 Converted FOV	23.3° 60°/100°/130°
					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 Converted FOV	23.3° 60°/100°/130°
N100 SONY	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 Converted FOV	27° 60°/100°/130°
N85 MICRO FOUR THIRDS	MACRO FOUR THIRDS	Olympus M.Zuiko Digital ED 60mm f2.8 Macro		36620 N85 Extension Ring 20	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 Converted FOV	20° 60°/100°/130°
					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 Converted FOV	20° 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 <small>(incl. focusing unit #3, 150mm relay lens & 3 objective lenses)</small>	Lens FOV Converted FOV	20° 60°/100°/130°