



**WET WIDE LENS 1B (WWL-1B)**  
130 DEG. FOV WITH COMPATIBLE 28MM LENSES WITH INTEGRATED FLOAT COLLAR

	CAMERA LENS	GEAR	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE			
N120 NIKON Z-MOUNT	STANDARD ZOOM FX	Nikkor Z 24-50mm f/4-6.3 Lens	19165 N22850-Z with limiter ring	18707 N120 Macro Port 6	83250 M67 to Bayonet Mount Converter II <i>(included in all MWL-1 packaging)</i>	83202 WWL-1B	Lens FOV Converted FOV Zoom Range	75-47° 130-81° 28-50mm	
		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 <i>(included in all MWL-1 packaging)</i>	83202 WWL-1B	Lens FOV Converted FOV Zoom Range
N100 FUJIFILM X-MOUNT	WIDE ANGLE APSC	Fujifilm XF 18mm f/2 R			36472 N100 Flat Port 13	83250 M67 to Bayonet Mount Converter II <i>(included in all MWL-1 packaging)</i>	83202 WWL-1B	Lens FOV Converted FOV	76.5° 132°
		Fujifilm XF 23mm f/2 R		37127 N100 Flat Port 32	83250 M67 to Bayonet Mount Converter II <i>(included in all MWL-1 packaging)</i>	83202 WWL-1B	Lens FOV Converted FOV	63.4° 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	83202 WWL-1B	Lens FOV Converted FOV Zoom Range	72-31.5° 125-55° 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	83202 WWL-1B	Lens FOV Converted FOV	75-40° 130-69°	
		Sony SEL35F28Z Sonnar T* FE 35mm F2.8 ZA		37130 N100 Flat port 23	83250 M67 to Bayonet Mount Converter II	83202 WWL-1B	Lens FOV Converted FOV	62° 109°	
N85 MICRO FOUR THIRDS SYSTEM	STANDARD ZOOM FOUR THIRDS	Olympus M.Zuiko Digital 14-42mm f/3.5-5.6 II R	36143 O1442-Z	36136 N85 Macro Port 56	83250 M67 to Bayonet Mount Converter II	83202 WWL-1B	Lens FOV Converted FOV	75-29° 130-50°	
		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	83202 WWL-1B	Lens FOV Converted FOV	75-29° 130-50°	
		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	83202 WWL-1B	Lens FOV Converted FOV Zoom Range	75-37° 130-64° 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	83202 WWL-1B	Lens FOV Converted FOV	75-29° 130-50°	
		Panasonic LUMIX G Vario PZ 14-42mm F3.5-5.6 ASPH. POWER O.I.S.	36061 P1442X-PZ <i>* SN353928 onwards only</i>	36165 N85 Power Zoom Macro Port 29	83250 M67 to Bayonet Mount Converter II	83202 WWL-1B	Lens FOV Converted FOV	75-29° 130-50°	
N85 SONY E-MOUNT	STANDARD ZOOM APSC	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	83202 WWL-1B	Lens FOV Converted FOV Zoom Range	75-31° 130-54° 19-50mm	
		WIDE ANGLE APSC	Sigma 19mm f/2.8 DN Art		36135 N85 Macro Port 45	83250 M67 to Bayonet Mount Converter II	83202 WWL-1B	Lens FOV Converted FOV	73.5° 127°
N85 CANON EF-M-MOUNT	STANDARD ZOOM APSC	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	83202 WWL-1B	Lens FOV Converted FOV Zoom Range	74-39° 128-57° 18-45mm	
		Canon EF-M 22mm f/2 STM		36126 E16 Mancake Port	83250 M67 to Bayonet Mount Converter II	83202 WWL-1B	Lens FOV Converted FOV	63° 109°	
N50 & COMPACT SYSTEM	SONY	Sony Cyber-shot DSC-RX100 Mark V (17418/17418P NA-RX100V / Pro Package)			83250 M67 to Bayonet Mount Converter II <i>(included in all MWL-1 packaging)</i>	83202 WWL-1B	Lens FOV Converted FOV Zoom Range	75-34° 130-58° 28-70 mm	
		* 24-70mm (35mm equivalent)							
		* Port is inexchangeable for this housing							
	Sony Cyber-shot DSC-RX100 Mark VI (17421/17421P NA-RX100VI / Pro Package)		38703 N50 Short Port 25 with Bayonet Mount			83202 WWL-1B	Lens FOV Converted FOV Zoom Range	75-37° 130-64° 28-65 mm	
	* 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			83202 WWL-1B	Lens FOV Converted FOV Zoom Range	75-37° 130-64° 28-65 mm	
	* 24-200mm (35mm equivalent)								
	* Port is exchangeable for this housing								
	CANON	Canon Powershot G5XMKII (17331/17331P NA-G5XII / Pro Package)		38703 N50 Short Port 25 with Bayonet Mount			83202 WWL-1B	Lens FOV Converted FOV Zoom Range	75-46° 130-80° 28-50mm
		* 24-120mm (35mm equivalent)							
		* Port is exchangeable for this housing							
Canon Powershot G7XMKII (17324 NA-G7XII)			38703 N50 Short Port 25 with Bayonet Mount			83202 WWL-1B	Lens FOV Converted FOV Zoom Range	75-37° 130-64° 28-65mm	
* 24-100mm (35mm equivalent)									
* Port is exchangeable for this housing									
Canon Powershot G7XMKIII (17330/17330P NA-G7XIII / Pro Package)		38703 N50 Short Port 25 with Bayonet Mount			83202 WWL-1B	Lens FOV Converted FOV Zoom Range	75-37° 130-64° 28-65mm		
* 24-100mm (35mm equivalent)									
* Port is exchangeable for this housing									
Canon Powershot G7XMKIII (17330/17330P NA-G7XIII / Pro Package)		38704 N50 Short Port 22 with Bayonet Mount			83202 WWL-1B	Lens FOV Converted FOV Zoom Range	75-46° 130-80° 28-50mm		
* 24-100mm (35mm equivalent)									
* Port is exchangeable for this housing									
PANASONIC	Panasonic Lumix DC-LX100II (17717 NA-LX100II)		38703 N50 Short Port 25 with Bayonet Mount			83202 WWL-1B	Lens FOV Converted FOV Zoom Range	75-57° 130-99° 28-40mm	
	* 24-75mm (35mm equivalent)								
	* Port is exchangeable for this housing								
Panasonic Lumix DC-LX10 (LX15) (17714 NA-LX10)			38704 N50 Short Port 22 with Bayonet Mount			83202 WWL-1B	Lens FOV Converted FOV Zoom Range	75-72° 130-125° 28-30mm	
* 24-72mm (35mm equivalent)									
* Port is inexchangeable for this housing									

**83202**  
**WET WIDE LENS 1B (WWL-1B)**  
**130 deg. FOV with compatible 28mm lenses with integrated float collar**

**Specifications**

Dimension (mm) : DIA156mm x 97mm  
 Weight in Air : 1.35kg  
 Buoyancy in Water : Negative 0.12 kg  
 Body Construction : Hard-anodized aluminum alloy  
 Lens Construction : 6 Elements in 5 Groups  
 Lens Coating : Anti-reflective on both sides  
 Multi-layer Broad-band  
 Focus Distance : From front element of lens to infinity  
 Maximum FOV (underwater) : 130° (Ref. 28mm equivalent)  
 Lens Mount : Bayonet Mount  
 Depth Rating : 150m  
 Pre-installed : Integrated aluminium float collar

- Package includes**
- WWL-1B incl. float collar
  - Front hard lens cap
  - Rear lens caps
  - Padded carrying bag
  - Cleaning Cloth