

『UWL-S100 ZM80』 Wide Conversion Lens

INON INC. is pleased to announce official release of new compact dual use land/underwater wet wide conversion lens to use with zooming for a wide digital camera which is wider than 28mm and super zoom camera with long lens extension on 『October 25th, 2012』. Dedicated super dome option for this lens with downsized (*3) 『Dome Lens Unit II for UWL-S100 ZM80』 will be released end of December 2012.

- ・『『UWL-S100 ZM80』 wide conversion lens』 (*1)
 - Release date: October 25th, 2012
 - Retail in Japan : JPY29,800-
 - JAN code : 456212143 705 0
- ・『M52-M67 Mount Converter for UWL-S100 ZM80』
 - Release date: October 25th, 2012
 - Retail in Japan : JPY3,500-
 - JAN code : 456212143 706 7
 - (*Necessary to attach the lens on “M67 Lens Adapter Base”)
- ・『M52-LD Mount Converter for UWL-S100 ZM80』
 - Release date: October 25th, 2012
 - Retail in Japan : JPY3,500-
 - JAN code : 456212143 707 4
 - (*Necessary to attach the lens on “LD Lens Adapter Base”)
- ・『Dome Lens Unit II for UWL-S100 ZM80』(*2)
 - Release date: Late December, 2012
 - Retail in Japan : JPY14,000-
 - JAN code : 456212143 708 1

(*1) Refer to below link page to see compatible Lens Adapter Base.

・『UFL-S100 ZM80 Compatibility Chart』
http://www.inon.jp/cgis/news/img/UWL-S100ZM80_Compatible.pdf

(*2) Release date/price is subject to change without prior notice.

(*3) Outer diameter ϕ 97.8mm/3.9” (including a protector)



『『UWL-S100 ZM80』 wide conversion lens』



Left: 『M52-M67 Mount Converter for UWL-S100 ZM80』
Right: 『M52-LD Mount Converter for UWL-S100 ZM80』



『『UWL-S100 ZM80』』/『M52-M67 Mount Converter for UWL-S100 ZM80』
installed on Panasonic 『DMW-MCTZ30』+INON 『M67 Lens Adapter Base MCTZ30』



『『UWL-S100 ZM80』』/『M52-M67 Mount Converter for UWL-S100 ZM80』
installed on Sony 『MPK-WH』+INON 『M67 Lens Adapter Base WH』



『『UWL-S100 ZM80』』/『M52-LD Mount Converter for UWL-S100 ZM80』
installed on Canon 『WP-DC46』+INON 『LD Lens Adapter Base DC46』



「Dome Lens Unit II for UWL-S100 ZM80」 (*5)



「Dome Lens Unit II for UWL-S100 ZM80」 (*5) assembled with「UWL-S100 ZM80」

■ Product features ■

- The UWL-S100 ZM80 is specifically designed to get 100.0° view angle underwater when combined camera's zoom position is set to 80mm (35mm film equivalent) for a user of a wide digital camera which is wider than 28mm (35mm film equivalent) or super zoom camera with long lens extension to enjoy wide underwater imaging with handy and compact system. (*4)
- Dual use on land/underwater to work as an ultra wide converter underwater or fisheye converter on land(100.0° underwater/179.8°on land). Dedicated super dome option「Dome Lens Unit II for UWL-S100 ZM80」(coming soon)(*5) further increases its view angle underwater up to 149.8°.
- Threaded lens barrel (M52 P1.5) allows adjusting distance between this lens and camera master lens to accommodate with different master lenses among many compact digital cameras (*4).
- Unique optical design allows to shorten minimum focal distance (minimum focus distance 0cm) with ultra wide view angle thus effective for Wide Macro shot.
- The lens construction is 4 elements in 4 groups by optical glasses. Subject side lens surface is water-shedding magenta coating and inner lenses have multi coating to suppress reflection by lenses themselves to suppress chromatic aberration.

(*4) Compatible 「Lens Adapter Base」and appropriate 「Mount Converter」is necessary to attach this lens on a camera system.

(*5) To be released late December 2012..

■ 『UWL-S100 ZM80』 example set-up ■



- Canon 「PowerShot SX260 HS」+ Canon 「WP-DC46」
- 「LD Lens Adapter Base DC46」
- 「UWL-S100 ZM80」
- 「M52-LD Mount Converter for UWL-S100 ZM80」

- 「D-2000」
- 「Strobe Cover D/Z」
- 「-0.5 Blue Diffuser 2(External Auto)」
- 「Optical D Cable Type L/Bush W58 Set」
- 「Grip Base D4」
- 「Float Arm S」
- 「Clamp III」 x 2
- 「Z Adapter MV」
- 「Direct Base III」



- Sony 「Cyber-shot WX100」+ Sony 「MPK-WH」
- 「M67 Lens Adapter Base WH」
- 「UWL-S100 ZM80」
- 「M52-M67 Mount Converter for UWL-S100 ZM80」

- 「S-2000」 x 2 (with supplied “-0.5 White Diffuser for S-2000”)
- 「Optical D Cable Type L/Bush W59 Set with ND Film」
- 「Optical D Cable Type L」
- 「Grip Base D4」
- 「D Holder」
- 「Stick Arm SS Set Z-MV」 x 2

- 「UCL-165M67」
- 「UCL-330」
- 「M5 Joint」 x 2
- 「M67 Lens Holder for Float Arm」 x 2



- Panasonic「LUMIX DMC-TZ30」+ Panasonic「DMW-MCTZ30」
- 「M67 Lens Adapter Base MCTZ30」
- 「UWL-S100 ZM80」
- 「M52-M67 Mount Converter for UWL-S100 ZM80」

- 「S-2000」(with supplied “-0.5 White Diffuser for S-2000”)
- 「Optical D Cable Type L/Cap W35 Set with Clear Photo System Film」
- 「Grip Base D4」
- 「Float Arm S」
- 「Clamp III」 x 2
- 「Direct Base III」
- 「Z Adapter MV」

- 「LE700-W」 (with supplied “Pink Filter LE”)
- 「Single Light Holder LE」
- 「Shoe Base」

- 「UCL-330」
- 「M67 Lens Holder for Float Arm」

■ Before purchasing 『UWL-S100 ZM80』 ■

This product is a special wide conversion lens specifically designed for a wide camera which is wider than 28mm (35mm film equivalent) and a super zoom camera with long lens extension. Please read through below to understand the characteristic of this product before purchasing.

- Check camera/housing compatibility (*1) to see if this lens is usable for your camera system.
- When shooting, zoom towards to telephoto side at approximately focal length 80mm (35mm film equivalent) until no vignetting is observed. Shooting at wide end setting will give you a circular fisheye image. Too much zooming will have narrower view angle and less advantage of a wide lens.
- Since combined camera is set to focal length approx.80mm (35mm film equivalent) for optimum optical performance, use small aperture setting.
- It is recommended to deactivate image stabilizer of the camera as using this function could have vignetting with focal length setting at approx. 80mm (35mm film equivalent).
- This product is not compatible with any of INON “Lens Holder” due to product feature to adjust mount position back and forth by screwing it.
- It is recommended not to use the built-in flash when not using an external strobe since the built-in flash light could be blocked depending on housing, shooting distance or angle of view etc.

■ 『UWL-S100 ZM80』 sample images ■



--Subject/shooting distance:
Sea fan/50cm(19.7")
--Equipment:
Panasonic LUMIX DMC-TZ20/DMW-MCTZ20,
S-2000 x 2, UWL-S100 ZM80,
--Photo data:
Zoom position 13.6mm (approx. 76mm at 35mm film
equivalent) , 1/60, F6.3, ISO200, S-2000 S-TTL Auto
--Photo by:
R. Hattori (INON INC.)
at "Bitagane" Atami, Shizuoka, Japan



--Subject/shooting distance:
Soft coral and school of spotnape cardinalfish /
1m(3.3')
--Equipment:
Fujifilm FinePix F600EXR/WP-FX500,
D-2000 x 2, UWL-S100 ZM80,
--Photo data:
Zoom position 17.3mm (approx. 94mm at 35mm film
equivalent)
1/25, F5.2, ISO200, D-2000 S-TTL
--Photo by:
R Hattori (INON INC.)
at "Sodaine" Atami, Shizuoka, Japan



--Subject/shooting distance:
Painted frogfish/approx. 10cm(3.4")
--Equipment:
Fujifilm FinePix F600EXR/WP-FX500,
D-2000 x 2, UWL-S100 ZM80,
--Photo data:
Zoom position 17.3mm (approx. 94mm at 35mm film
equivalent)
1/40, F5.2, ISO200, D-2000 S-TTL
--Photo by:
R Hattori (INON INC.)
at "Sodaine" Atami, Shizuoka, Japan

■ 『UWL-S100 ZM80』 specifications ■

- Outer diameter/length: ϕ 67.8mm (2.7") / 66.4mm (2.6")
- Weight[underwater/air]: approx. 145g (5.1oz) / 296g (10.4oz)
- Thread diameter/pitch: M52/P1.5
- Depth rating: 60m (197')
- Lens material/finishing: Optical glass/both side anti-reflection coating
- Construction/magnification: 4 groups 4 elements/0.23 (underwater afocal system)
- Max. view angle: 100.0°(underwater)/179.8° (land)

■ Relative Information on INON Website ■

- 『UWL-S100 ZM80 Compatibility Chart』
<http://www.inon.jp/cgis/news/img/UWL-S100ZM80-Compatible.pdf>
- 『Lens Adapter Base』
http://www.inon.jp/products/key_components/lineup.html
- 『Grip Base D4』
<http://www.inon.jp/products/armssystem/base.html#gripbase>
- 『Underwater LED flashlight 『LE700-W』』
- 『Underwater LED flashlight 『LE700-S』』
- 『Underwater LED flashlight 『LE350』』
http://www.inon.jp/products/le_light/lineup.html
- 『Underwater “S-TTL” Auto strobe 『S-2000』』
<http://www.inon.jp/products/strobe/s2000/top.html>
- 『Underwater “S-TTL” Auto strobe 『D-2000』』
<http://www.inon.jp/products/strobe/d2000/top.html>
- 『Underwater “S-TTL” Auto strobe 『Z-240』』
<http://www.inon.jp/products/strobe/z240/top.html>

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INON Inc.

*Press release information is as of October 22nd, 2012 and subject to change without prior notice.

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