

# INON

- Exclusively designed for a digicam of 28mm wide lens.
- No vignetting underwater at wide side.  
(\*no other lens attached)
- Dual use underwater/land Wide Conversion Lens of Maximum view angle 100° (u/w), 179° (land), x0.63.
- Maximum view angle 150.8° when attaching [Dome Lens Unit for UWL-100 (¥39,800/excl. tax)].
- Minimum focal length 0cm "at" lens surface.
- Instant attachment system with bayonet "28 AD Mount Base".  
(\*"28 AD Mount Base" is exclusively for UWL-100 28AD)
- Compact size for easy handling underwater  
outer diameter: 87.4mm, height: 43.2mm, weight: 370g  
(\*excluding optional lens hood)
- Compatible camera/housing : Canon S70,S60 / WP-DC40  
\*Compatible camera is a digital camera with 28mm lens (35mm film equivalent) . A Wide Conversion Lens for another 28mm equipping digital camera will be released.



## ■ Comparison of coverage

Distance to subject : 3cm (\*all images)

(Camera : Canon S60 / 28mm)  
Camera setting : f/2.8 at 1/100, ISO100  
D-2000 x 2  
Location : Osezaki  
Photo by F.Torii



▲ without attachment lens  
at wide side (view angle 77.7° )



▲+ UWL-100 28AD (view angle: 100° )



▲+ Dome Lens Unit for UWL-100  
(view angle : 150.8° )  
+ UWL-100 28AD

※Vignetting on corners cropped

By using UWL-100 28AD, or UWL-100 28AD + Dome Unit Lens for UWL-100, wider angle of view can be obtained without losing image quality since distance to subject can remain close to the subject.

### ● Wider lens enables you to shoot . . . . .

- wider underwater landscape
- group photo with more divers in clear image
- bigger subject like manta in single image
- bigger subject in clear image for closer shooting distance

## Options



### ■ 28AD Mount Base DC40 Price/TBD

『28AD Mount Base』 is key component to attach 『UWL-100 28AD』 to Canon water-proof case WP-DC40. The 『28AD Mount Base DC40』 employs 28AD Mount (※1) of bayonet attachment system which helps to easily attach/remove 『UWL-100 28AD』 underwater. The 『28AD Mount Base DC40』 can have existing 『INON Grip Base DII/DIII with Rubber Grip D』 using 2 screws. And the 『28AD Mount Base DC40』 "grasp" WP-DC40 by not only screws but also pressure bonding around housing lens port. This helps to hold the housing in case of losing screws without moving the housing on the Grip Base DII/DIII.



### ■ Carrying Pouch for UWL-100

¥2,000(excl. tax)

The carrying pouch is made of neoprene. Neoprene is cushioned material so it helps to protect the lens when carrying in this pouch.

### ■ Optical D Cable/Cap W17 Set

Price/TBD

『Optical D Cable/Cap W17 Set』 is to connect S-TTL Auto Strobe 『D-2000』 and 『28AD Mount Base DC40』. 『Optical D Cable/Cap W17 Set』 can have extra Optical D Cable for dual strobe configuration.

■ Magnification : x0.63

■ Lens construction : 4groups 4 elements

■ Maximum view angle : 100.0° (u/w), 179.0° (land) ※2

※2 Slightly vignetting on corners when using on land. Crop after taking image.

■ Maximum view angle with Dome Lens Unit : 150.8° (u/w)

■ Outer diameter / Length : φ 87.4 × 43.2mm

■ Weight : 370g (land), 190g (u/w)

■ Material : Corrosion-resistant aluminum alloy / Rigid black alumite

■ Grass / Surface finishing : Optical Grass / Coating

■ Depth rating : 60m



### ■ Dome Lens Unit for UWL-100

¥39,800(excl. tax)

### ■ Dome Spacer for UWL-100 28AD

Price/TBD

『Dome Lens Unit for UWL-100』 is attached on 『UWL-100 28AD』 and enlarge maximum view angle(u/w) to 150.8° (\*100° without Dome Lens Unit for UWL-100). The wider view angle helps to shoot large landscape and also helps to shoot clearer image in poor visibility.

『Dome Spacer for UWL-100 28AD』 is necessary to attach 『Dome Unit for UWL-100』 on to UWL-100 28AD

※ Slight vignetting on corners when using Dome Lens Unit. Crop vignetting after taking image.

※ Note that the combined weight of UWL-100 28AD and Dome Lens Unit gets very heavy.

● Outer diameter/Length/Weight : φ 129.6mm / 71.1mm / 955g (land) / 460g (u/w)

### ■ Lens Hood for UWL-100 28AD

Price/TBD

The hood blocks unnecessary ambient light like in back-lit condition. The hood helps to prevent ghost/flare and also protect the lens surface from damage.

● Outer diameter/Length/Weight : φ 114mm / 70.6mm / 464 g (land) / 230 g (u/w)



### ■ AD Mount Converter for UCL-165AD

Price / TBD

The converter is used to attach 『UCL-165AD Close-up Lens』 on 『28AD Mount Base DC40』 for Macro shot.

Vignetting at zoom/wide side. Use zooming towards to telephoto side.



### ■ AD Lens Holder ¥3,800(excl. tax)

『AD Lens Holder』 is used for 『UWL-100 28AD』 as same as existing INON AD Attachment Lens Series. The holder for carrying or replacing lens underwater. 『UWL-100 28AD』 is attached to Grip Base DII/DIII or INON Arm via this holder.



Canon S60 + UWL-100 28AD f2.8 at 1/100  
ISO100 D-2000 x 2

## UWL-100 28AD Specifications

■ Attachment : 28AD Mount (bayonet system) (※1)

28AD Mount is exclusively designed for 『UWL-100 28AD』. 『UWL-100 28AD』 can be physically attached to existing INON AD Mount Base, but the performance will be limited since optical design is different. Existing AD Mount series Attachment Lens can not be physically attached on 28AD Mount.

※ Only 『UCL-165AD Close-up Lens』 can be attached to 28AD Mount Base by using 『AD Mount Converter for UCL-165AD』 with functional limitation.

### ■ Focus range (※ with Canon S60/S70)

	without attachment lens (S60/S70 only) ※3	UWL-100 28AD ※4	UWL-100 28AD + Dome Lens Unit ※4
Normal Mode	∞ ~ 44cm	∞ ~ 20cm	∞ ~ 47.6cm
Macro Mode	44 ~ 4cm	20 ~ 0cm	47.6 ~ 0cm

※3 Focus position of camera = apparent distance underwater = actual distance on land

※4 Actual distance underwater

※ Though setting Macro Mode ON, S60 still can have in focus range for normal mode. So setting Macro Mode ON is recommended since macro imaging is most of the case for underwater photography.