

UCL-100LD/UCL-100M67 Close-up lens

INON INC. is pleased to announce official release of new 「UCL-100 LD」and 「UCL-100M67」close-up lens on February 14th, 2013. They are designed to provide 100mm focal length (underwater) for high magnification photography yet high quality image, and effectively suppress vignetting even when using at zoom wide end of wide 28mm (35mm film equivalent) camera(*1). Two different types either 28LD compatible type or M67 screw mount are available to suit to your camera system.

- ・「UCL-100LD」 close-up lens
 - Release date : February 14th, 2013
 - Retail in Japan : JPY26,000-
 - JAN code : 456212143 709 8
- ・「UCL-100M67」 close-up lens
 - Release date : February 14th, 2013
 - Retail in Japan : JPY26,000-
 - JAN code : 456212143 710 4



「UCL-100LD」



「UCL-100M67」

■ Product features ■

- 3 elements in 3 groups lens construction effectively suppress aberrations comparing to 2 elements in 2 groups lens. Inner optical surfaces (four of them) have antireflection coating to successfully provide superior quality images with high resolution and high contrast.
- Larger lens aperture effectively suppresses vignetting even using at wide end 28mm (35mm film equivalent) (*1)
- The UCL-100 makes minimum shooting distance short both on land/underwater enabling to get closer to a subject for close-up/macro imaging
- The UCL-100 LD has lockable INON 『28LD Mount』 to support easy, speedy yet reliable installation on 『28LD Mount Base』 while the UCL-100M67 carries M67 screw mount to provide wide versatility.
- The lens barrel has joint screw mount on its front side to hold another INON M67 series close-up lens for super macro imaging (*2)(*3).

■ Product specifications ■

『UCL-100LD』

- Outer diameter ϕ 76.6mm (3.0in.)
- Length 36.9mm (1.5in.)
- Mount system INON 28LD Mount
- Weight U/W: approx.130g (4.6oz) Air: 243g (8.6oz)
- Depth rating 60m (196.9ft)
- Material/surface finishing Corrosion-resistant aluminum alloy/rigid black alumite, PC etc.
- Glass/coating Optical glass/inner surface anti-reflection coating
- Lens construction 3 groups 3 elements
- Focal length[Underwater/land] (*4) 100mm / 129.5mm

『UCL-100M67』

- Outer diameter ϕ 76.6mm (3.0in.)
- Length 36.9mm (1.5in.)
- Mount system INON M67 Mount
- Weight U/W: approx.151g (5.3oz) Air: 269g (9.5oz)
- Depth rating 60m (196.9ft)
- Material/surface finishing Corrosion-resistant aluminum alloy/rigid black alumite
- Glass/coating Optical glass/inner surface anti-reflection coating
- Lens construction 3 groups 3 elements
- Focal length[Underwater/land] (*4) 100mm/129.5mm

(*1)

Using on land and zoom wide end setting will have vignetting. Crop an image after shooting or zoom in until no vignetting is observed.

(*2)

When using add on 『UCL-165M67』 or 『UCL-330』, vignetting will be observed at zoom wide end underwater. Zoom towards telephoto side until no vignetting is observed.

(*3)

Depending on combined camera/housing, stacking with other close-up lens could have significant degradation on image quality. For detail, please refer to 『INON UCL-100LD/UCL-100M67 Compatibility Chart』 linked in below section.

(*4)

Focal length of 『UCL-100LD』/『UCL-100M67』 standalone and not combined focal length with camera's master lens.

■ 『UCL-100LD』『UCL-100M67』 compatible product ■

Usable combination of camera/housing for this product is limited as the lens is designed to deliver 100mm focal length (underwater) and high quality same time and suppress vignetting at zoom wide end setting. Please check detailed compatibility information at below link page to see if your camera/housing is supported and add on close-up lens compatibility as well.

・ 「INON UCL-100LD/UCL-100M67 Compatibility Chart」

http://www.inon.co.jp/cgis/news/img/UCL-100_Compatible.pdf
(*JP only. En version will be available shortly)

■ 『UCL-100LD』/ 『UCL-100M67』example setting ■



『UCL-100LD』 on Canon 「PowerShot S110」 / 「WP-DC47」 via 「28LD Mount Base DC43/47」



『UCL-100LD』 on Panasonic 「DMC-FT4」 / 「DMW-MCFT3」 via 「28LD Mount Base MCFT3」



『UCL-100M67』 on Olympus 「TG-1」 / 「PT-053」 via Olympus step-up ring 「PSUR-03」



「UCL-100M67」 on Sony 「DSC-WX50」 / 「MPK-WH」 via 「M67 Lens Adapter Base WH」



「UCL-100M67」 directly attached on Nikon 「Nikon 1 J2」 / 「WP-N1」



「UCL-100M67」 + 「UCL-165M67」 directly attached on Nikon 「Nikon 1 J2」 / 「WP-N1」

■ 『UCL-100LD』 sample images ■

Comparison images

1. without a close-up lens



--Subject/shooting distance:
Ceratosoma trilobatum/approx. 10cm(3.9in.)
--Equipment :
Canon PowerShot S100/WP-DC43, S-2000×2(Manual)
--Photo data :
Zoom middle (9.1mm), 1/1600, F8, ISO100, S-2000
--Photo by :
R. Hattori (INON INC.)
at Osezaki, Numazu, Shizuoka, Japan

2. with UCL-165LD close-up lens



--Subject/shooting distance:
Ceratosoma trilobatum/approx. 15cm(5.9in.)
--Equipment :
Canon PowerShot S100/WP-DC43, S-2000×2(Manual),
UCL-165LD
--Photo data :
Zoom telephoto end (26.0mm), 1/250, F8, ISO100,
--Photo by :
R. Hattori (INON INC.)
at Osezaki, Numazu, Shizuoka, Japan

3. with UCL-100LD close-up lens



--Subject/shooting distance:
Ceratosoma trilobatum/approx. 10cm(3.9in.)
--Equipment :
Canon PowerShot S100/WP-DC43, S-2000×2(Manual),
UCL-100LD
--Photo data :
Zoom telephoto end (26.0mm), 1/250, F8, ISO100,
--Photo by :
R. Hattori (INON INC.)
at Osezaki, Numazu, Shizuoka, Japan



--Subject/shooting distance:
Clown anglerfish/approx. 10cm(3.9in.)

--Equipment :
Canon PowerShot S100/WP-DC43, S-2000×2(Manual),
UCL-100LD

--Photo data :
Zoom telephoto end (26.0mm), 1/250, F8, ISO100,

--Photo by :
R. Hattori (INON INC.)
at Osezaki, Numazu, Shizuoka, Japan



--Subject/shooting distance:
Three spot damselfish/approx. 10cm(3.9in.)

--Equipment :
Canon PowerShot S100/WP-DC43, S-2000×2(Manual),
UCL-100LD

--Photo data :
Zoom telephoto end (26.0mm), 1/250, F5.9, ISO100,

--Photo by :
R. Hattori (INON INC.)
at Osezaki, Numazu, Shizuoka, Japan



--Subject/shooting distance:
Threespot seahorse/approx. 10cm(3.9in.)

--Equipment :
Panasonic LUMIX DMC-FT4/DMW-MCFT3,
S-2000×2(S-TTL Auto), UCL-100LD

--Photo data :
Zoom telephoto end (18.3mm), 1/250, F5.7, ISO200,

--Photo by :
R. Hattori (INON INC.)
at Osezaki, Numazu, Shizuoka, Japan



--Subject/shooting distance:
Soft coral/approx. 7cm(2.8in.)

--Equipment :
Canon PowerShot S100/WP-DC43, S-2000×2(Manual),
UCL-100LD + UCL-165M67

--Photo data :
Zoom telephoto end (26.0mm), 1/250, F5.9, ISO200,

--Photo by :
R. Hattori (INON INC.)
at Osezaki, Numazu, Shizuoka, Japan

■ Relative information ■

- 「M67 series attachment lens 『UCL-330 Close-up Lens』」
<http://www.inon.jp/products/lens/ucl330/top.html>
- 「M67 series attachment lens 『UCL-165M67 Close-up Lens』」
<http://www.inon.jp/products/lens/ucl165m67/top.html>
- Lens options
<http://www.inon.jp/products/lens/option.html>

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INON INC.

*Press release information is as of February 12th, 2013 and subject to change without prior notice.

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