

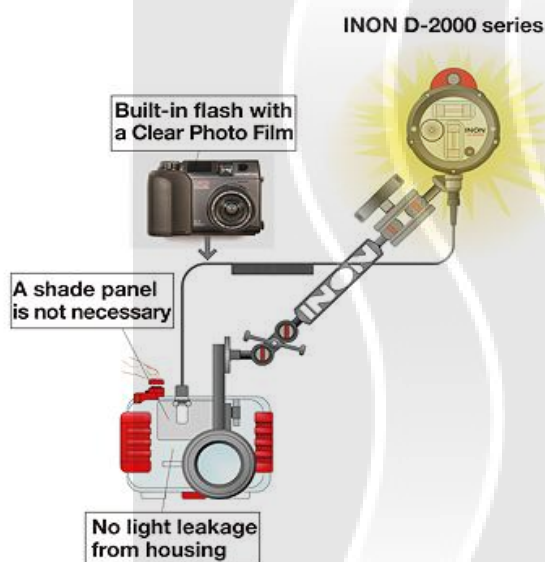
Prevent Backscattering

# Clear Photo System

Clear digital imaging with a strobe even underwater

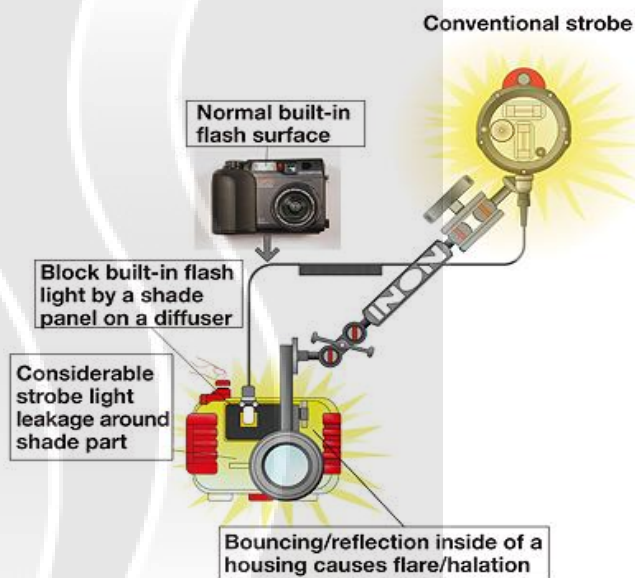
Backscattering even with an external strobe from angled position

## Clear Photo System



The Clear Photo System consists of a Clear Photo Film stuck over digital camera's built-in flash surface to block visible light. Since built-in flash light is not leaked from a housing, we can shoot a subject with angled external strobe light only to get clear underwater image. Off course it is not necessary to attach a tape on a diffuser or housing itself to block light.

## Conventional Strobe System

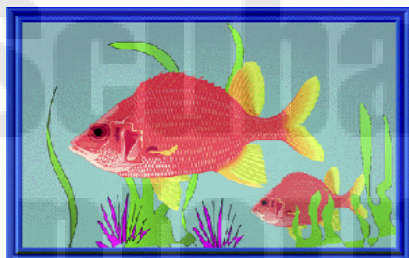


A standard transparent housing body itself shines even we shade its diffuser panel with a black tape and leaking light bounces off suspended particles in front of a lens causing backscatter. This is why we have been disappointed with blurred image and suspended particles exposed in an image even using an external strobe to take clear image.

We will have more significant backscatter if we do not arrange shade for transparent housing to use built-in flash.

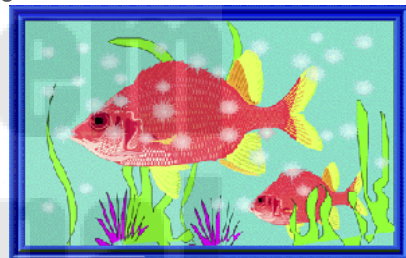
Even using an external strobe, its effect to get three-dimensional appearance will reduce half.

>>>Result Image



No influence by built-in flash light.  
Effective for shooting in an area  
with many suspended particles.

>>>Result image



Influence by leaked built-in flash  
light

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### <Advantage 1>

Reduce “backscatter”[exposure of suspended substances in front of a lens]

■ With Clear Photo Film



A camera system with “Clear Photo System” blocking visible light provides clear image without any reflection from suspended particles.

■ Without Clear Photo Film



A camera system without Clear Photo System has “backscatter” exposing bouncing built-in flash light from suspended particles.  
(Equipments: WP-DC800, D-180 x1,UWL-105AD, Distance to subject: approx. 30cm / 11.8in , Subject: rope)

### <Advantage 2>

Suppress “ghost”[exposure of built-in flash light]

■ With Clear Photo Film



A Clear Photo Film blocks visible light from the built-in flash not to expose it on an image and this advantageous feature does not rely on housing or built-in flash design which differs from model to model.

■ Without Clear Photo Film



A transparent underwater housing without Clear Photo Film allows built-in flash light reaching to housing lens port to have "ghost" in attachment lens [white arc on the right top corner of above image].

(Equipments: PT-016, D-180 x1, UCL-165AD, Distance to subject: approx. 5cm / 2.0in, Subject: Perch sculpin)

INON Clear Photo System is the best and only solution to solve above major drawbacks of transparent underwater housing.

Even you stick a black tape on your underwater housing in front of the built-in flash, built-in flash light still can bounce inside of the transparent housing.

\*Clear Photo Films are included in Optical D Cable / Cap Set.

\*Strobe flashing shoes main flash in sync with camera's main flash.

\*The Clear Photo System is patented in the U.S.(no.6,704,500) and PAT.P in Japan.

■ Schematic diagrams for explanation and may not the case.

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