

Newly Developed Next Generation S-TTL Strobe

High performance, multi-function

Inon quality & reliability

Ultra Multimode **D-2000**



■ D-2000 Specifications

Product Name:	INON D-2000
Strobe Control Modes:	S-TTL Auto, External Auto, Manual, Nikonos TTL (*1)
Guide Number: (*2)	Air, ISO 100 x 1 meter: Full: 20, -0.5:17, -1:14, -1.5:12, -2:10, -2.5:8.4, -3:7.1, -3.5:5.9, -4:5.0, -4.5:4.2, -5:3.5, -5.5:3.0, -6:2.5. (13 steps in 1/2EV increments) Air, ISO 100 x 1 foot: Full: 65, -0.5:56, -1:46, -1.5:39, -2:33, -2.5:27, -3:23, -3.5:19, -4:16, -4.5:14, -5:11, -5.5:9.8, -6:8.2. (13 steps in 1/2EV increments)
External Auto Settable Aperture Values: (*3)	F1.4+1/2EV. ~ F11+1/4EV. (24 steps in 1/4EV increments) (At equivalent ISO 100 film sensitivity)
Beam Angle:	100° x 100° (air circular beam)
Color Temp:	5500K
Batteries: (*4)	AA Nickel Metal Hydride x 4 AA Nicad x 4 AA Alkaline x 4 AA Lithium 1.5V x 4 AA Oxyride x 4 (*4) *Manganese batteries not compatible.
Recycle Time: (*5)(*6)	1.8 seconds minimum: Nickel Metal Hydride batteries 2.0 seconds minimum: Nicad batteries 2.3 seconds minimum: Alkaline batteries 2.5 seconds minimum: Lithium 1.5V batteries 1.9 seconds minimum: Oxyride batteries
Flash Capacity: (*5)(*6)	Approx. 520 flashes: Nickel Metal Hydride batteries Approx. 240 flashes: Nicad batteries Approx 400 flashes: Alkaline batteries Approx. 660 flashes: Lithium 1.5V batteries Approx. 360 flashes: Oxyride batteries
Focus Light:	Manual ON, Shutter linked Auto OFF, when shutter is opened, or after approx. 8 seconds
Dimensions: (*not including slave sensor arm mounting base)	
Diameter:	99mm (3.9 inches)
Height:	122mm (4.8 inches)
Depth:	100mm (3.9 inches)
Weight:	Air: 525gr (1 lb. 2.5 oz.) without batteries U/W: Approx. 43gr (1.5 oz.) with 4 AA NiMH batteries 100m (330 feet)
Depth Rating:	100m (330 feet)
Body Material:	Polycarbonate resin (red)
Included Set Contents:	Magnet, Magnet Screw, Magnet Screw Tightner, Spare O-Ring, O-Ring Grease, Light Filter Seal

- Underwater TTL auto exposure in **S-TTL mode**, from high-end digital cameras to point-and-shoot digicams (in transparent housings). TTL: for simple, accurate first shot exposure without need for continually changing power or aperture settings.
- Universal **S-TTL** compatibility with most cameras from about all manufacturers, from basic full-auto point-and-shoot to advanced models. The D-2000 grows with you as you upgrade camera models.
- **24 step External Auto** control mode. With dual strobes, subtly adjust light output for each side to freely control shadows according to your artistic intention.
- **13 step Manual** mode. Most manual output settings of any strobe, controllable in **1/2EV increments**, for high-level control and professional quality lighting.
- Film camera support. **Conventional Nikonos TTL** protocol onboard circuitry. (*1)
- **Guide Number 20** (Air, ISO100 x 1 meter. GN at 1 foot: 65). 30% brighter than D-180 strobe for effective lighting of more distant subjects.
- Color temperature correcting **Diffuser System**. (*optional parts)
- **Circular 100° Beam Angle**. Strobe head axis angle can be freely positioned relative to the subject, ensuring uniform, full light coverage in image corners.
- Integral **Shutter Linked Auto OFF Focus Light** aids in strobe aiming and camera focusing. Auto OFF when shutter opens so Focus Light does not influence image.
- **Clear Photo System** to completely block all visible light from camera's internal strobe, so particulates suspended around camera are not illuminated as "backscatter" in the image. Result: clearer, better images.
- Internal voltage stabilization circuit for compatibility with high capacity **Nickel Metal Hydride** and Oxy Nickel Hydroxide (**Oxyride**) dry cell batteries. (*4)

(*1) Only compatible when used on Inon X1 Series film camera housings, or with other camera/housings installed with Optical Converter TTL and Optical Cable.

(*2) Measurement in Air, at ISO100 x 1 meter, and ISO100 x 1 foot.

(*3) At ISO100 equivalent film sensitivity.

(*4) Oxyride battery voltage is in excess of 1.7V and is fine for firing strobe. However when batteries are still fresh, and the Focus Light is turned on, the sudden high voltage will shorten the Focus Light bulb life. Refer to written cautions on battery packaging warning of shortened bulb life when using these batteries. To prevent shortened bulb life, do not use Focus Light until strobe has been fired at least 20 times at full power. This will reduce the voltage down to conventional battery levels.

(*5) Full strobe output at 30 second intervals with both Focus Light and Advanced Cancel Circuit OFF, at 25C (77F) degrees. Tested with following batteries:

Nickel Metal Hydride:
SANYO Twicell 2500 Series, HR-3UF, 1.2V, 2,500mAh
Nicad: GP 100AAKC, KR6, 1.2V, 1,000mAh
Alkaline: Maxcell ALKALINE ACE, LR6(K), 1.5V
Lithium 1.5V: FUJIFILM Energizer LITHIUM, FR6, 1.5V
Oxyride: Panasonic Oxyride, ZR6Y, 1.5V

(*6) Recycle Time / Flash Capacity based on Inon test data. Actual values may vary based on battery manufacturer, battery type and age.

