

Ikelite DS161 Substrobe



#4061 Substrobe DS161 Movie includes rechargeable NiMH battery pack & diffuser strobe mount sold separately

#4066.1 Smart Charger

#4066.5 Spare NiMH Battery Pack

For over 30 years Ikelite has been the leader of innovation of underwater strobe lighting. We are proud to introduce the first strobe that meets the challenge presented by today's sophisticated "hybrid" cameras. The DS161 Movie Substrobe combines all of the functionality of our renowned DS160 with a powerful 500 lumen LED video light. This strobe is everything you need for stunning photos and video.

Strobe Coverage

Professional photographers all over the world prefer the wide and even coverage of our specially made circular flashtubes. The slightly warm color temperature provides rich, natural tones for beautiful macro, portraits and landscapes.

Strobe Compatibility

The DS161 Movie Substrobe is compatible with all Ikelite TTL systems and current digital cameras, as well as all older TTL film cameras including the Nikonos system. A variety of sync cords, sensors, and TTL adapters are available to connect to almost any camera system currently on the market.

Strobe Power

The DS161 recycles in a quick 1.5 sec from full discharge. When fired at a fractional power — whether in TTL or manual mode — the strobe recycles virtually instantaneously. Number of flashes per full charge will increase dramatically in most cases when using in TTL mode with a compatible camera system. The powerful DS161 is adjustable in 10 half-stop increments for precise control over your exposure when used in manual mode.

Movie Light Coverage

Three super-bright LEDs are arranged behind a special optical element to provide 45 degrees angle of coverage free of hotspots. The daylight balanced color temperature brings out true, natural colors with or without the use of a color correcting filter.

Specifications

Battery Pack.....NiMH module
Weight.....1.3 kg (2.75 lb)
Size.....9.6 cm dia x 17.9 cm
3.75" dia x 7"
Depth Rating..... 90m - 300 feet

Strobe

Energy Rating.....160 watt-sec
Recycle Time.....1.5 sec
Angle of Coverage.....90 degrees
100 degrees with diffuser
Guide # (ISO 100) feet.....76 surface - 38 underwater
Guide # meters.....24 surface - 12 underwater
Color Temperature.....4800 degrees Kelvin
Full Power Flashes.....225 flashes per full charge
Firing Modes.....TTL, Full, 9 fractional powers

Movie

Movie Light.....15-watt LED
Angle of Coverage.....45 degrees
Brightness.....500 lumens
Color Temperature.....5000-5500K
Burn Time.....5 hours at max intensity
Power Settings.....Full, 9 fractional powers, SOS

Movie Light Modes

With the strobe set to the "Batt w/Lite" position, the movie light is adjustable between 100% and 50% power in 10 fractional power settings. An "SOS" mode emits the universal signal for help in an emergency situations.

With the strobe set to the "On w/Lite" position, the movie light doubles as an aiming light for focusing or night diving. The light automatically turns off and back on when the strobe fires so there is no effect on photos.

Movie Light Burn Time

Custom circuitry and highly efficient drivers provide 5 hours of continuous burn time on a fully charged battery with no waning effects. Continuous use of the light at full power reduces number of full power flashes by less than 15%.

Accessories

The #4061 DS161 comes standard with rechargeable NiMH battery pack and flash diffuser. The NiMH battery pack requires #4066.1 Smart Charger, not included. A variety of strobe mounts and arms are available for attachment to almost any system.

Complete strobe packages bundle everything you need to add a DS161 to your camera system and get in the water!

Upgrade Opportunity

We expect to offer a reasonably priced upgrade to Substrobe DS160 owners sometime in the first quarter of 2010. DS125 Substrobes are not able to be upgraded to DS161 specifications.

Information on the upgrade will be posted on our website the moment it becomes available. Please refrain from e-mailing questions regarding the upgrade until after information is posted.

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