Ocean Imaging Systems (OIS) designs and manufactures a full line of deep sea strobes, from 100 to 600 joule (W-S) power ratings, and housed in aluminum, 17-4 stainless steel or titanium housings. Additionally, OIS can supply strobe components for integration within the customers housing. All OIS strobes feature high efficiency high voltage power supplies (~90%) and have the capacity to be put into a low power standby state. OIS also designs and manufactures custom strobes for a broad range of military, offshore and scientific applications. The strobes shown in this data sheet represent only a small sample of what OIS can supply. Strobes can be supplied to operate from external power sources or from an internal battery.

Most 3831 strobes offer the capacity to control the light level when operated with cameras that have TTL (through the lens) exposure control (Nikon Sync/Quench format), like the OIS DSC24,000 Digital Still Camera.

Strobes have been supplied to meet the special requirements of AUV (autonomous underwater vehicle) applications, including systems with custom mechanical configurations, special fixed frequency operation and special operating voltages.

Pictured are examples of strobes supplied by Ocean Imaging Systems.
OCEAN IMAGING SYSTEMS

OIS Model 3831 Strobe Typical Specifications:

- **Power:** 100 to 600 Joules (watt-seconds)
- **Recycle Time:** 1 to 10 Seconds Depending on Application
- **Input Voltage:** 23 to 33 VDC Standard
- **Power Source:** Internal Battery, or Externally Supplied
- **Depth Rating:** 2,000 Meters to 12,000 Meters
- **Housing material:** Aluminum, Titanium or Stainless Steel
- **Configuration:** Integral or Remote Flash Head
- **Standby Current:** <50 ua
- **Battery Capacity:** Up To 1,000 Flashes per Charge

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Specifications subject to change without notice
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