

Model 3831 Strobe



Self Powered 200 W-S Strobe In 6000 Meter Titanium housing

The Ocean Imaging Systems (OIS) 3831 strobe is available in several power ratings from 100 to 600 joules (W-S); several housing options (aluminum, 316SS, 17-4SS, or titanium), and can be supplied either self powered, or configured for an external power source.

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 most common version of the 3831 features an internal rechargeable NiCad battery which not only supplies power for the strobe, but also for the companion Digital Still Camera (DSC 24,000). Thus a complete, stand alone camera system may be configured with the strobe and camera alone.

Custom-designed configurations are available, in power outputs as high as 600 joules. All through-hole electronics construction ensures maximum reliability and future reparability.



Model 3831RH Flash Head Supplied with the Model 3831 Strobe

Strobe Typical Specifications:

Power:	100-600 Joules (watt-seconds)
Recycle Time:	1 to 6 Seconds, depending on output power
Operating Voltage:	23 to 33 VDC Standard
Power Source:	Internal Battery, or optionally Externally Supplied
Depth Rating:	2,000 Meters to 6,000 Meters
Housing material:	Aluminum, Titanium, or Stainless Steel
Configuration:	Remote Flash Head – one supplied, 2 nd head optional, up to 4 possible



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Specifications subject to change without notice. 12/2015