



STR SUBSEA LASERS

The STR range of subsea laser pointers and line generators are designed to meet all underwater measurement and identification tasks. Models are either fitted with category II low power laser modules for safety or high intensity laser modules for greater transmission. All models can be supplied with a 3000m or 6000m depth rating and operate on an 8-30V DC Input with over voltage and reverse polarity protection.



KEY FEATURES

STR SeaCross Green Laser Cross Generator
STR SeaLine Green Laser Line Generator
STR SeaDot Green Laser Pointer
STR SeaDot Red Laser Pointer

- 3000m or 6000m Depth Rating

- 8-30V DC Input
- Internal Thermal Protection
- Long Lifespan

STR SUBSEA LASERS

Power Input:

STR SeaDot Red Laser Pointer
8 – 30VDC
(30mA @ 24VDC)

STR SeaDot Green Laser Pointer
8 – 30VDC
(60mA @ 24VDC)

STR SeaLine Green Laser Line Generator
STR SeaCross Green Laser Cross Generator
8 – 30VDC
(160mA @ 24VDC)

Fault Protection:

Reverse polarity input protection
with self reset fuse

Depth Rating:

3000m or 6000m

STR SeaLine Green Laser Line Generator
3000m

Type:

STR SeaDot Red Laser Pointer
2 x Class II Safety Classification
(<1 mW output)

STR SeaDot Green Laser Pointer
2 x Class 3R Safety Classification
(<5 mW output)

STR SeaLine Green Laser Line Generator
STR SeaCross Green Laser Cross Generator
2 x Class 3B Safety Classification
(30mW output)

Beam Shape:

STR SeaDot Red and Green Laser Pointer
Elliptical (Approx. 6mm red dot output)

STR SeaLine Green Laser Line Generator
60° Line / 90° Line / 30° Cross

Beam Divergence:

STR SeaDot Red Laser Pointer 0.75mrad

STR SeaDot Green Laser Pointer 0.2mrad

STR SeaLine Green Laser Line Generator
0.25mrad single axis

Wavelength:

STR SeaDot Red Laser Pointer 650nm

STR SeaDot Green Laser Pointer 520nm

STR SeaLine Green Laser Line Generator
STR SeaCross Green Laser Cross Generator
520nm

Temperature Range:

-10°C to 40°C

Housing Material:

Black Hard Anodised Aluminium

Dimensions:

205mm x 38mm Dia.

Weight:

360g in air / 130g in water

Connector:

Subconn MCBH2M

Control:

Internal Thermal Protection @45°C /
TTL&PWM Options

All information contained in this brochure may be subject to change without prior notice.