

CATEGORIES

- ▶ Rangefinders and altimeters
- ▶ Laser sensors
- ▶ Rangefinder components

VIEWED PRODUCTS

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SF33S/B (50 m)
The SF33S/B is a medium range (0 ... 50...
- 

SF40/C (100 m)
SF40/C is a long range (0 ... 100 m),...

NEWS

- [SF30/C: 120 m at 40kHz :: 2015/02](#)
- [SF30/B: 50 m at 36kHz :: 2015/03](#)
- [Detect obstacles at 36kHz :: 2015/03](#)
- [SF10 upgraded :: 2015/04](#)

★ > Rangefinders and altimeters > SF33T/B (50 m)



SF33T/B (50 m)

The SF33T/B is a medium range (0 ... 50 m), multi-beam laser sensor designed specifically for UAV obstacle detection and precise terrain hugging.

Typical applications:

- Terrain following.
- Virtual tractor beam landing aid.
- Maintaining FAA corridor limits.
- Vital UAS component.

Reference: SF33T/B

Quantity:

Availability: BACKORDER

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More info | **Data sheet** | **Accessories**

- Weight :: 35 g (excluding cables)
- Range :: 0 ... 50 m (natural targets)
- Resolution :: 1 m ... 0.03 m selectable
- Update rate :: 36633 readings per second (max)
- Accuracy :: ±0.1 m (70% reflective target @ 20°C)
- Outputs & interfaces :: Serial & analog
- Power supply voltage :: 5.0 V ± 0.5 V DC
- Power supply current :: 250 mA (maximum)
- Laser power :: 20 W (peak), 11 mW (average), Class 1M
- Dimensions :: 30 x 55 x 50 mm
- Operating temperature :: 0 ... 40°C
- Approvals :: FDA: Pending
- Optical aperture :: 51 mm
- Beam divergence :: 0.2°
- Lens material :: Acrylic
- Connections :: Plug & socket, micro USB



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