

SV-Mini-200/32



The new device works in combination with any Velodyne or Ouster laser scanner, and has improved accuracy and density of the obtained three-dimensional point clouds. Ideal for UAVs and footage. It is used for scanning places and objects with increased requirements for the accuracy and density of point clouds. It is the smallest and lightest laser scanning device to which you can connect a large number of external equipment.



BACKPACK



FLY



CAR

SPECIFICATION

GENERAL CHARACTERISTICS

- Dimensions: 118x124x149 mm.
- Weight: 1,8 kg.
- Working temperature: $-10^{\circ} + 40^{\circ}$.
- Power supply: DC 12 V amperage 2A.
- Protection: IP67.

PRECISE CHARACTERISTICS

- Measurement range: to 200 m.
- Accuracy: 25 mm. CKO 55 m.
- Scan Speed: 1,200,000 point/ s.
- IMU: roll / pitch / course 0.04 degrees. Frequency 200 Hz.
- RTK solution 2 cm.
- Pointcloud accuracy: 5 cm.

INTERNAL EQUIPMENT

- Dual antenna receiver GNSS.
- High precision IMU.
- Wireless control.
- Module 3G /LTE.
- Radio module up 5 km.
- Memory capacity up to 1 TB.
- SSD storage type.

ACCURACY CHARACTERISTICS

- Two LIDAR (Velodyne or Ouster).
- External GNSS / INS Receiver.
- External IMU (FOG, MEMS).
- 2 USB3.0 or LadyBug3 cameras via FireWire (optional).
- DMI and Hot Shoe.

