

**Specifications**

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|-------------------------|-------------------------|----------------------|--|
| Laser field of view | 270° × 360° | Camera field of view | 200° (horizontal)×100° (vertical) |
| Relative accuracy | 2cm | Absolute accuracy | 5cm |
| Storage | 32GB (standard) | Power supply | Internal replaceable lithium battery, external power supply |
| External supply voltage | 20-30V | Internal battery | 3350mAh × 4 |
| Internal battery life | 2.5h | Power consumption | 25W |
| Operating temperature | -10°C~ + 45°C | Working humidity | < 85%RH |
| Weight | 1588g (without battery) | Size | 372mmx163mmx106mm (without bottom bracket) |

Sensor parameters

| | | | |
|-------------------|--------|--------------------------|-----------|
| Laser class | Class1 | Number of laser channels | 16 |
| Maximum ranging | 120m | Dot frequency | 320kpts/s |
| Echo strength | 8bits | Number of cameras | 3 |
| Camera resolution | 500w | | |