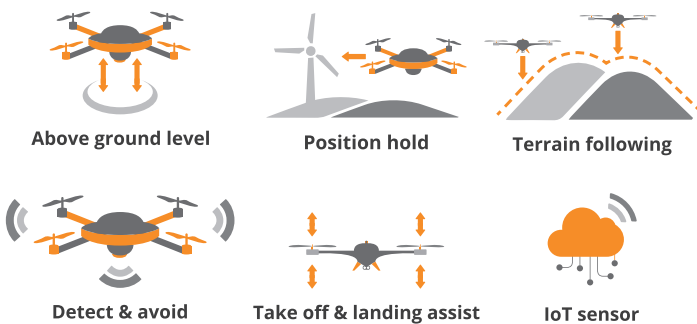# LW20/C

The LW20/C is a small form factor LiDAR sensor that is both dust and water resistant. This sensor is ideal for distance and height measurement.

Key features

Weight:	19 g 0.69 oz		**Update rate:**	48 ... 5 000 readings per second
Size:	30 mm x 20 mm x 43 mm 1.2 in x 0.8 in x 1.7 in		**IP rating:**	IP67
Range:	0.2 ... 100 m 0.6 ...328 ft		**Integrates with:**	PX4, ArduPilot, Arduino, Raspberry Pi and LightWare Studio
Beam type:	Single beam		**Interfaces:**	Serial and I2C (3.3 V TTL, 5 V tolerant)

Applications

Above ground level

Position hold

Terrain following

Detect & avoid

Take off & landing assist

IoT sensor

What is in the box?

Optional accessories

Mounting bracket

Servo mounting bracket

Serial and power cable

Aluminum stand kit

lightware