

DJI U10 UAV-BASED LASER METHANE LEAKAGE DETECTOR

SPECIFICATIONS

Model

U10

Measurement object

methane (CH₄)

Measuring principle

Laser absorption spectroscopy

Detection laser

Class III R

Static detection limit

*1.5 ppm.m

Sampling frequency

500KHz

Response time

0.025s

Measuring range

0 ~ 50,000 ppm.m

Maximum distance

*2 100m

Working temperature

-20 ~ 50 °C

Operating humidity

< 90% RH (no condensation)

Volume

L155 × W 90 × H 100mm

Weight

520 g

Image sensor

720P, 1/2.8", 12mm



The U10 is a lightweight, high-sensitivity gas detector based on Tunable Diode Laser Absorption Spectroscopy (TDLAS), which enables rapid identification of methane from a distance of up to 100 m, or at a concentration of 5 ppm.m.

GRIDX
metering and control