

LD-100°C

UAV LiDAR [LiDAR](#)



LD-100°C LiDAR UAV GNSS ud

Specifications

Resolution: $\leq 10\text{cm}@110\text{m}$
 Weight: 1036g
 Temperature: $-20^{\circ}\sim 55^{\circ}$

Dimensions: $15.5*9.2*9.3\text{cm}$
 Storage: 64 GB / 128GB TF
 Mounting: VTOL

Performance

Range: $190\text{m}@10\%$
 Accuracy: 905nm (IEC 60825-1:2014)
 Resolution: 64

FOV: 70°
 Accuracy: $(1\sigma @ 20\text{m}) 2\text{ cm}$
 Resolution: 720

POS

Frequency: 200HZ
 Accuracy: 0.015°
 Resolution: 0.040°

Accuracy: $\leq 0.05\text{m}$
 GNSS: GPS L1/L2/L5, GLONASS L1/L2, BDS B1/B2/B3, GAL E1/E5a/E5b

Camera

POS

PointCloudSoftware gAirHawk

View

Field of View: 80°
 Resolution: 24MP
 Sensor Size: (mm) 15



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□□□□ (m) □□ □□□□□(km²)

50 ≤ 5cm 0.08

70 ≤ 7cm 1.28

100 ≤ 10cm 1.92

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