

Product Parameters

Dimensions	110.5 * 140 * 313.3 mm
Weight	1079 g
Battery Capacity	45.36 wh (3150 mAh)
Working Time	150 min
Charging Port	TYPE-C; PD 30 W fast charging
Working Temperature	-20 °C ~ +50 °C
Storage Temperature	-20 °C ~ +60 °C
Storage Capacity	256 G (Support memory expansion)
WIFI	WIFI6, support 2.4G/5G; 20 m
Interface	TF Card / Type-C
Camera Effective Pixels	16 MP × 2
Camera Sensor	13.13 * 8.76 mm; 1 inch
Shutter Type	Mechanical shutter/Electronic shutter
LiDAR Installation	Tilt 25° to the ground
Point Cloud Number	200,000 point/s
Point Cloud Frequency	10 Hz (Typical Value)
Scanning Range	0.1~40m@ 10% reflectivity; 0.1m~70m@ 80% reflectivity
RTK Configuration	Built-in standard configuration
RTK Accuracy	Horizontal 0.8cm+1ppm; Vertical 1.5cm+1ppm
Point Cloud Thickness	≤ 1 cm
Processing Method	Real-time calculation/Post-processing
Absolute Accuracy	≤ 5cm
Relative Accuracy	≤ 1 cm