

Specs

Physical Specifications

Power Consumption	<19W
Body Weight	870g (1.9 lbs) without tripod
Dimensions	130mm × 90mm × 77mm 5.1 × 3.5 × 3.0 in
Housing Material	Aerospace-grade Aluminum Alloy

Connectivity & Storage

Data Interface	USB 3.0
Internal Storage	512GB
WiFi	802.11 a/b/g/n/ac/ax 2.4GHz: 2412-2472MHz 5GHz: 5.15 GHz ~ 5.850 GHz
Bluetooth	5.2
Wireless Range	20m (65.6 ft)

Power System

Battery Type	Removable Li-ion
Battery Capacity	23.04Wh
Operating Time	60 minutes (continuous scanning)
Charging Time (25°C/77°F)	0-90%: 70 minutes, 0-100%: 90 minutes
Operating Temperature	-20°C-45°C (-4°F-113°F) (indirect sunlight only)
Charging Temperature	5°C-30°C (41°F-86°F)

LiDAR System

Laser Classification	Class 1 / 940nm
Scanning Range	0.1m-30m (4 in-98 ft) @ 10% reflectivity, 60m (197 ft) @ 90% reflectivity
Field of View	180° azimuth × 180° elevation
Point Rate	856,000 points/second

Camera System

Camera Configuration	4-camera array, 2 × Fisheye, 2 × Front
Image Resolution	4000 × 3000 px
Sensor Size	1/2" CMOS
Shutter Type	Rolling Shutter
Fisheye Camera FOV	200° × 200° (each)
Front Camera FOV	100° × 85° (each)

Power Adapter

Input	100-240V, 50-60Hz, 1.5A, 80VA
Output	20V, 2.0A
Rated Power	PD Protocol, >25W, Standard: USB-C 45W single port, Dual port: 25W + 20W

Accessories

Backpack with Protective Insert	Included
Extension Pole (2m /6.6 ft)	Optional
External Storage (512GB/1TB SSD)	Optional