



Janus Explore

Handled Mobile Laser Scanner



Janus **Explore** has a 360° rotating pan/tilt combined with a SLAM algorithm and three 15 megapixel cameras to obtain high-precision 3D point cloud data of the surrounding areas without light and GPS.



It can be mounted on drones for air-ground integrations, with indoor and outdoor data.

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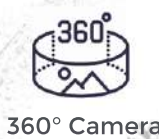


Specifications

Laser Scanning FOV	270°x360°
Camera FOV	200°(h)x100°(v)
Relative Accuracy	2cm
Absolute Accuracy	5cm
Storage	32GB (standard)
Power Supply	replaceable battery
External Power supply	20-30V
Battery Capacity	3350mAh*4
Battery Duration	2.5h
Power Consumption	25W
Protection class	IP54
Operating Temperature	-10°C/+45°C
Operating Humidity	<85%RH
Weight	1588g (w/o battery)
Size	372mmx163mmx106mm

Sensor Parameters

Laser class	Class 1
Number of laser channels	16
Maximum ranging	120m
Dot frequency	320kpts/s
Echo strenght	8bits
Number of cameras	3
Camera resolution	5Mpx
NFC	Support



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