LD-260X is a kind of Mid-range, compact LiDAR point cloud data acquisition system, integrated HESAI Pandar XT laser scanner, GNSS and IMU positioning and attitude determination system, and storage control unit, is able to real-time, dynamically, massively collect high-precision point cloud data and rich image information. It is widely used in the acquisition of 3D spatial information in surveying, electricity, forestry, agriculture, land planning.

Specification

LD-260X		
	Item Name	System Parameters
LD-260X Parameters	Weight	1.26 kg
	Measuring accuracy	Less than 0.1m/0.05m(@150m)
	Working temperature	-20℃~+65℃
	Power range	12 V- 24 V
	Consumption	10 W
	Carrying Platform	DJI M300, M600 PRO and Other brand
	Storage	64 GB storage, maximum support 128GB TF card
Lidar Unit	Measuring Range	80m@10% Reflectivity (Max 300m)
	Laser class	905nm Class1 (IEC 60825-1:2014)
	Channel	32-Channel
	Range accuracy	±1cm (typical Value)
	Scanning frequency	10HZ, 20HZ
	data	Trible echo 1,920,000 Points/Sec
	FOV	360°, adjustable
	Laser sensor	HESAI Pandar XTM2X
POS Unit	Update frequency	200HZ
	Heading accuracy	0.017°
	Pitch accuracy	0.005°
	Rolling accuracy	0.005°
	Position accuracy	≤0.05m
	GNSS signal type	GPSL1/L2/L5 GLONASSL1/L2 BDS B1/B2/B3 GAL E1/E5a/5b
Pre-processing software	POS software	Output information: position, speed, attitude
	Point cloud software	Output point cloud data format: LAS format, custom TXT format
Camera (option)	Camera Model	Sony a 6000 or Other brand with same Level
	Effective Pixel	24 Mega Pixel
	Trigger event	Distance or Time trigger
	Weight (g)	135

Please feel free to contact us if you are interested in this product.