32 Channel UAV LiDAR Scanner HESAI XT Laser Sensor 3D Scanning

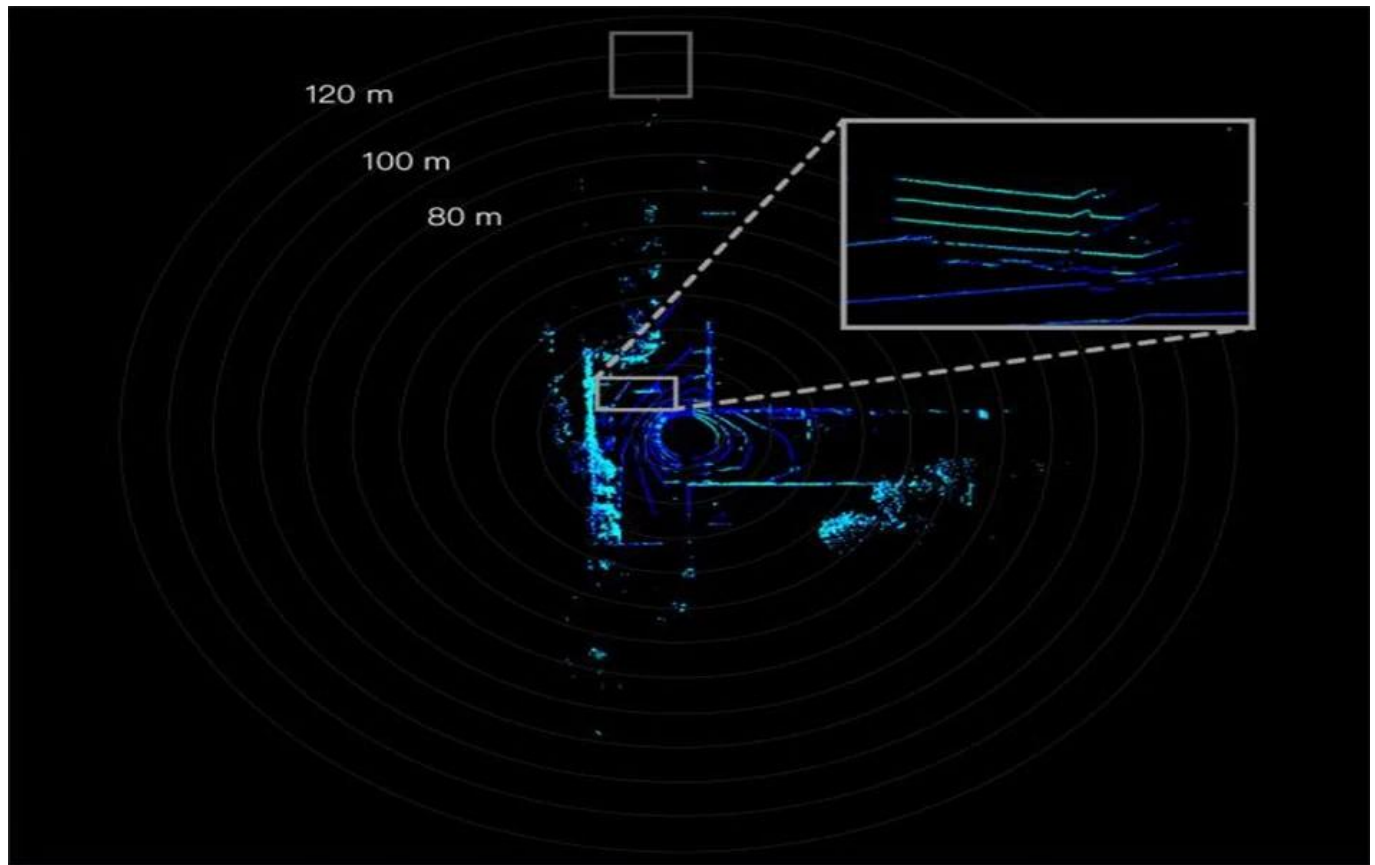| Minimum Order Quantity :	1	Price :	Negotiation
Packaging Details :	Suit Case 530*430*240 mm	Delivery Time :	10-15 works days
Payment Terms :	T/T, Western Union	Supply Ability :	30 SETS/Month
Place of Origin:	China	Brand Name:	PJK
Certification:	CE, ISO	Model Number:	LD-130X LiDAR Scanning System

Detail information

Name:	UAV LiDAR Scanner	Application:	3D Scanning
Channel:	32 Channels	Appliation:	Power Line Patrol
Sensor:	HESAI XT Laser Sensor		
High Light:	**32 Channel UAV LiDAR Scanner** **HESAI XT UAV LiDAR Scanner** **3D LiDAR Scanning System**		

Product description

gAirHawk UAV LiDAR Scanner is a kind of short-range, compact LiDAR point cloud data acquisition system, integrated HESAI 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.

Pandar XT

High precision. Minimum range of zero.
Proprietary LiDAR ASICs.
32-Channel Short-Range Mechanical LiDAR

Product specification

LD-130X		
	Item Name	System Parameters
LD-130X Parameters	Weight	1.26 kg
	Measuring accuracy	Less than 0.1m @120m
	Working temperature	-20℃~+65℃
	Power range	12 V- 24 V
	Consumption	10 W
	Carrying Platform	LD-800 Multi Rotor and Other brand
	Storage	64 GB storage, maximum support 128GB TF card
Lidar Unit	Measuring Range	0.3m-120m@10% Reflectivity
	Laser class	905nm Class1 (IEC 60825-1:2014)
	Channel	32-Channel
	Range accuracy	±1cm (typical Value)
	Scanning frequency	10HZ, 20HZ
	data	Double echo 1,280,000 Points/Sec
	FOV	360°, adjustable
	Laser sensor	HESAI Pandar XT
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
	POS	AGS 303
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 Camera or Other brand with same level
	Effective Pixel	24 Mega Pixel
	Trigger event	Distance or Time trigger
	Weight (g)	135 g

Application for Terrain Survey

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