



Solid State TOF LiDAR - CE30

SKU 109990325



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Description

Technical Details

Questions and Answers

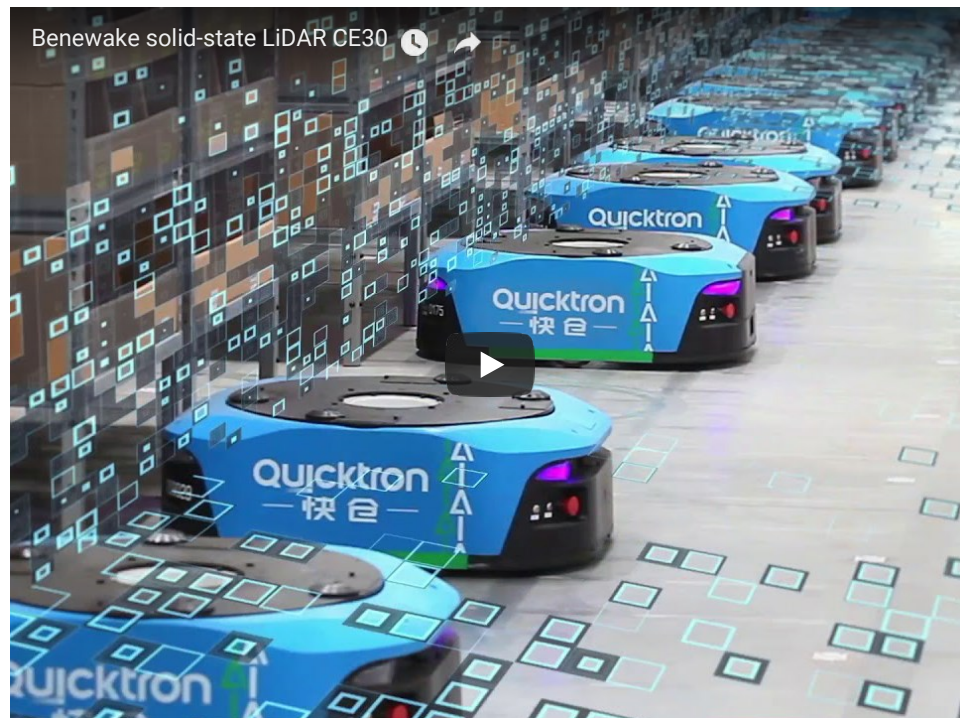
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Description



Mechanical single channel LiDAR is pretty common in our life, but two problems cannot be neglected, i.e. short life span and high price due to the rotating measurement mode.

Benewake launches CE30, a solid-state LiDAR with large FoV. It could simultaneously output grey and depth information within 132° horizontal FoV and 9° vertical FoV. Meanwhile no mechanical rotating components exist internally, so higher reliability and stability could be ensured.

Based on the optimized obstacle avoidance mode, the region of interest (ROI) can be customized to focus on the obstacle information in the ROI and enable unimpeded driving. It

can be applied in the general vehicle field, including Automated Guided Vehicle (AGV, such as intelligent warehouse vehicle), autopilot cars and industrial automation, etc.

Technical Details

Dimensions	138mm x 138mm x 85mm
Weight	G.W 219g
Battery	Exclude
Detecting Range	CE30-A/C 0.1~4m
Pixel Resolution	320*24
Ranging Resolution	1cm
Repeatability	≤3cm
Accuracy	≤5cm
FOV	132° * 9°
Power Consumption	≤4.5W
Supply Voltage	12V
Communication Protocol	CAN/TCP
Protection Grade	IP65
Operating Temperature	0~50℃
Photobiological Safety	Risk group 0 in accordance with EN 62471

Part List

CE30-A	1
Power Cable	1

Documents

- [Datasheet](#)
- [User Manul](#)
- [CE30-A Programs](#)

Questions and Answers

Have a question about this? Ask people who own it.



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