



IDS:

ENSENSO S SERIES

3D LASER POINT TRIANGULATION WITH ARTIFICIAL INTELLIGENCE

Key Features

- Infrared LED laser (835 nm), ca. 88,000 laser points
- Z Accuracy 2.4 mm at 1 m distance
- Global Shutter, 1.6 MP
- Working distance 500 - 3000 mm
- Weight 500 g
- Power supply 12V - 24V DC / PoE



NUVO-7501 SERIES

INTEL® 9th/ 8th - GEN CORE™ i7/ i5/ i3 COMPACT FANLESS COMPUTER

Key Features

- Compact 255 x 173 x 76 mm footprint
- Intel® 9th/ 8th-Gen Core™ 35W LGA1151 CPU
- Rugged, -25°C to 60°C fanless operation
- 2x GbE and 4x USB 3.1 Gen1
- 2x RS-232/422/485 and 2x RS-232 ports
- VGA + DVI dual display outputs
- Supports 1x M.2 2280 SSD (SATA signal)
- Supports 1x 3.5" or 2.5" SATA HDD/ SSD

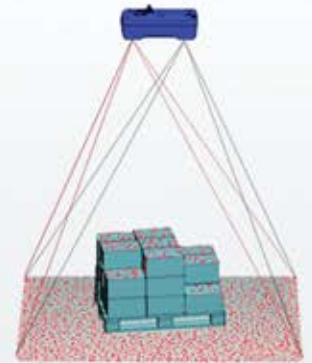
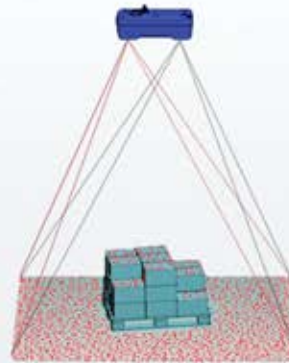


3D APPLICATIONS

VOLUME CALCULATOR

DEVELOPED BY SPEED SOLUTION GROUP LTD.,PART.

3D environmental data is a requirement for volume calculation with knowledge of size from 3D scene models, Objects are computable and show result in real time.



One camera, many applications

Robot vision
3D camera technology enables robots to adaptively detect and analyse their environment in order to react independently to any situation.

Obstacle detection
3D environmental data is a requirement for collision-free movement of robots and UAVs. With knowledge about the size and position of obstacles from 3D scene models, obstacle manoeuvres can be calculated and safe pathways can be provided.

Logistics automation
3D data enables robots to handle objects with many variants in online retailing, warehousing and parcel services. Detection, identification, secure picking and depositing in the correct position can thus be robot-automated.