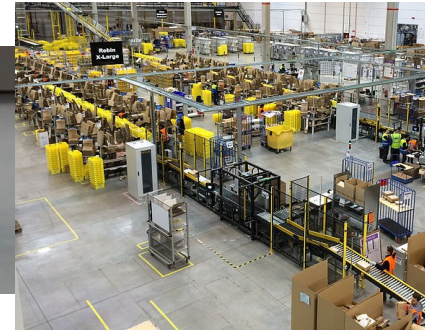


Hypersen LIDAR HPS-3D640 sensor

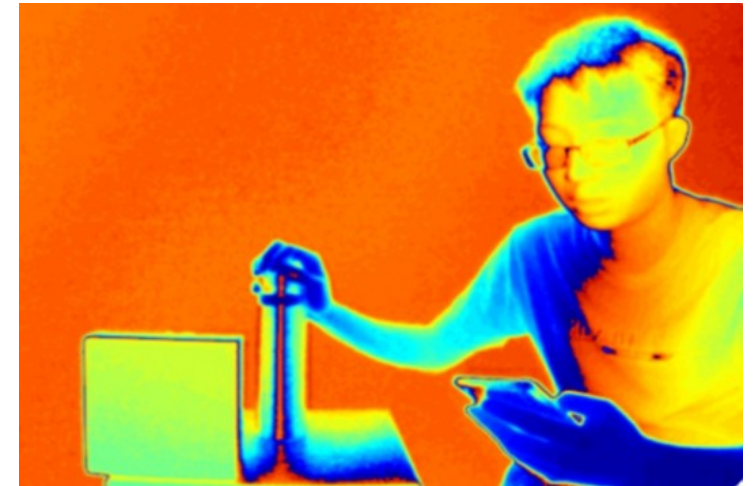
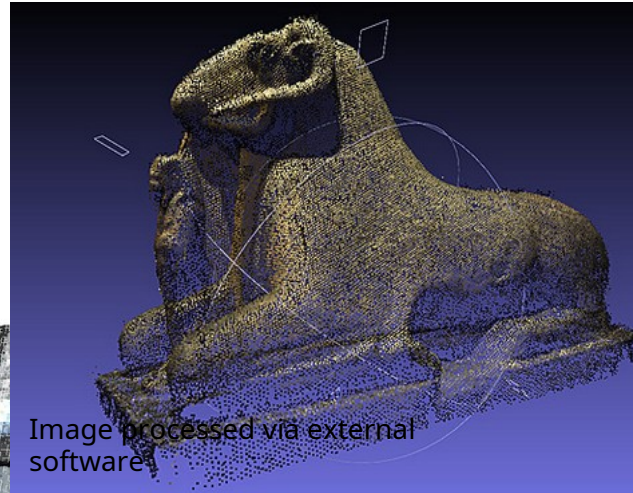
Based on Time-of-Flight technology, integrating infrared systems and laser illumination systems, the sensor generates three-dimensional point clouds and transmits the signal at high speed



Single distributor SD Companies SRL, via Villafranca 25, Altamura (BA),
www.sdcompanies.it, produced by Hypersen Technologies Co., Made in China

Hypersen LIDAR HPS-3D640 sensor

Suitable for applications in robots, AGVs, self-driving vehicles, people counting, safe area protection, automated control systems, autonomous transport systems, three-dimensional reconstructions, object recognition.



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Hypersen LIDAR HPS-3D640 sensor



Integrated anti-jamming system to avoid machine block to support input from multiple sensors at the same time. 100% solid state sensor, suitable for outdoor applications (IP67) and easy to be integrated due to its small size

Model	HPS-3D640
Type	Solid-state
Measuring method	ToF
Resolution	640*480
Minimum resolution	1cm
FoV	68*55deg.
Frame rate	25Hz/Adjustable
Measuring range	0.25~2m @10% reflectivity 0.25~5m @90% reflectivity



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Hypersen LIDAR HPS-3D640 sensor



Integrated anti-jamming system to avoid machine block to support input from multiple sensors at the same time. 100% solid state sensor, suitable for outdoor applications (IP67) and easy to be integrated due to its small size

Precision	±1cm
Ambient Light Immunity	80,000Lux
Communication interface	LAN
Operating temperature	-10~+55°C
Power supply	12~24V
Power consumption	5~8W
Weight	440g
Size	88*82*49mm

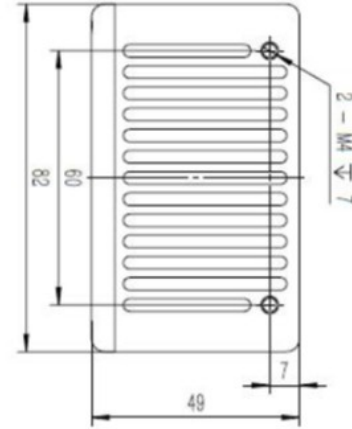
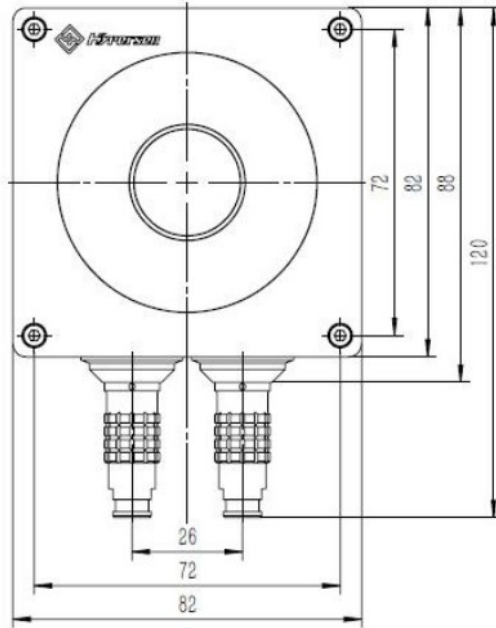


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Hypersen LIDAR HPS-3D640 sensor



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SD Companies SRL:

- Provides the product
- Integrate the device into your machines
- Develop any software for specific usage applications
- Technical assistance

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