

3D Structured Light Module

With better optical performance and state-of-the-art depth processing algorithm, ...

Structured light lasers designed for machine vision & 3D imaging applications. Excellent uniformity in a compact form factor.

A structured light camera is one of the most powerful tools in modern 3D vision and 3D scanning. By projecting light patterns and analyzing their deformation, these systems can capture ...

This powerful 3D scanning technology ensures product quality levels are met during final product assembly, and is ideal for robotic or stationary inspection stations.

In the field of healthcare, structured light scanners aid in the creation of detailed 3D models of anatomical structures, such as bones or organs. These models are invaluable for surgical planning, ...

LIPSEdge L210u/L215u high resolution 3D Structured-Light camera is optimized for short-range, high-accuracy 3D applications. Suitable for 3D scan, 3D facial recognition, and 3D measurement.

High-Precision Laser Modules for Accurate 3D Imaging, Measurement, and Sensing Applications Explore our range of Structured Light Laser Modules, designed for high-precision 3D scanning, depth ...

Read the whole article about active and passive 3D vision principles here, including stereo, active stereo, laser, ToF, and structured light machine vision. Ready to start a 3D vision project? We ...

Compared to laser-based 3D scanning, structured-light scanners use non-coherent light sources, such as LEDs or projectors, which enable faster data acquisition and eliminate potential safety concerns ...

With better optical performance and state-of-the-art depth processing algorithm, SH430 module can work even in the worst high intense ambient light conditions and offer more accurate/precise depth ...

Structured light systems from ams OSRAM enable 3D imaging applications to achieve extremely high accuracy. Accurate structured light technology is behind the user face recognition being implemented ...



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