

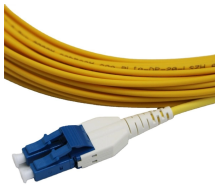
## Structured Light Microcontroller Module



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Discover the world's fastest 3D structured light system with EVK3D. It combines the IMX636 Prophesee-Sony sensor and a breakthrough VCSEL.



The present invention relates to structured light projection, and in particular, to a structured light module having a microcontroller.



As a non-contact active sensor, structured light sensor has the advantages of high measurement accuracy and speed, simple calculation, and interference resistance (Wang et al., 2020a).



This application note presents the operating theory of structured light systems, as well as the key components and design considerations. Special attention is given to hardware selection (pattern ...



Structured light products and design expertise from ams OSRAM help customers get to market quickly and scale up production rapidly. These products, which provide best in class performance, include ...



Supporting 3D structured light live detection, outputting the best face image; Supporting output of face attributes (angle/distance/position) and RGB live video streaming;



Structured light allows you to take a scan of the entire target surface and inspect multiple features simultaneously such as fasteners, holes, slots, studs, and surface gap and flush.



Pattern projection is performed by a structured light module in the DLP ALC SDK. The module generates vertical and horizontal gray-coded patterns or phase-shifted patterns which are sent to a ...



The PROdigii digital laser module has been designed to deliver outstanding wavelength stability and thermal management in even the most challenging operating environments.



Astra Mini series are based on structured light technology with Orbbec's custom ASIC for high quality depth processing and single cable USB 2.0 power + connectivity. Astra Mini Pro provides developers ...

## Contact Us

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