# 3D Structured Light Module Nxp



## Overview

At this stage, 3D structured light has advantages over ToF lenses in terms of recognition accuracy, viewing angle, etc.

## Article Content

NXP enables 3D face recognition for secure access

NXP ® Semiconductors has announced the expansion of its NXP EdgeReady solution portfolio, adding a solution for secure face recognition that leverages a

SLN-VIZN3D-IOT Developer Guide

The development kit for this solution, SLN-VIZN3D-IOT, comes with fully integrated turnkey software, for quick out-of-the-box operation, minimizing time to market,

NXP''s Edge-Ready SLN-VIZN3D-IOT Solution, Now Available from

NXP''s SLN-VIZN3D-IOT development kit leverages a high-performance 3D structured light module (SLM) camera combined with the i RT117F crossover processor to deliver the performance and

Low cost, high reliability: 3D structured light face recognition smart ...

At this stage, 3D structured light has advantages over ToF lenses in terms of recognition accuracy, viewing angle, etc. Therefore, NXP has prioritized the launch of a face recognition solution using 3D

Face recognition uses 3D SLM camera and NXP''s i

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The 3D structured light module (SLM) camera is combined with the i RT117F crossover MCU and is believed to be the first time a 3D SLM camera has been

NXP EdgeReady 3D Face Recognition Solution

The system employs a high-performance 3D structured light (SLM) camera module, with an optional low-cost CMOS RGB camera, eliminating the need for expensive, power-hungry Linux

NXP adds 3D SLM camera to MCU for face recognition

NXP has added to its EdgeReady portfolio with a face recognition device which uses a 3D structured light module (SLM) camera combined with the

NXP EdgeReady MCU-Based Solution for 3D Face

Add low-cost 3D face recognition checking to your design using our NXP EdgeReady solution based on our i RT117F crossover microcontroller.

Low-cost, High-precision Structured-light 3D imaging

Low-cost, High-precision 3D imaging system for industrial usage like AOI for PCBs or 3D checking in product lines. By Jiangtao Li.

How to Enable 2D Solution in SLN-VIZN3D-IOT

The SLN-VIZN3D-IOT development kit implements NXP EdgeReady turnkey solution for 3D face recognition-based access control using a 3D Structured Light Module (SLM) camera.

NXP enables 3D face recognition for secure access

Turnkey solution leverages NXP''s high performance crossover MCU with 3D camera to enable faster secure face recognition under challenging lighting

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3) What camera products does Vadzo offer for structured light 3D scanning in industrial robotics? Vadzo''s mono global shutter modules are a natural fit for structured light heads because

NXP EdgeReady MCU-Based Solution for 3D Face

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NXP''s EdgeReady MCU-based solution for 3D face recognition leverages the i RT117F crossover MCU, enabling developers to quickly and easily add 3D face

Structured Light API

Structured Light API Detailed Description Structured light is considered one of the most effective techniques to acquire 3D models. This technique is based on projecting a light pattern and

Structured-light 3D scanner

Structured-light 3D scanner A structured-light 3D scanner is a device used to capture the three-dimensional shape of an object by projecting light patterns,

SLN-VIZN3D-IOT Developer Guide

NXP''s EdgeReady MCU-based solution for 3D face recognition leverages the i RT117F crossover MCU, enabling developers to quickly and easily add 3D face

EdgeReady crossover processors for 3D facial recognition

The combined solution of the crossover processor with a high-performance 3D structured light module camera helps provide the performance and security of 3D facial recognition at the edge,

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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