Rockchip Structured Light Module

Official website:

www.rock-chips.com

Customer Service

Hotline:

0086-591-83991906 Ext: 8198

e-mail:

service@rock-chips.com

CONTENT

1 Technology Advantages

2 Product Features

Rockchip

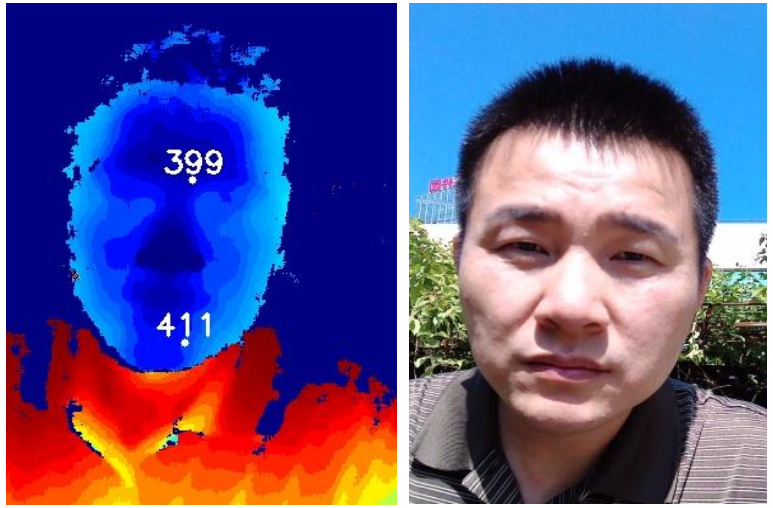
Rockchip Confidential Proprietary

Advantage 1: Support outdoor identification up to 100,000 lux light

- By improving S/N ratio and optimizing algorithm, even under 100,000 lux light, RMSL can still get the depth information clearly to rebuild the 3D space.

p.s. RMSL means *Rockchip module Structured light.*

Other Module

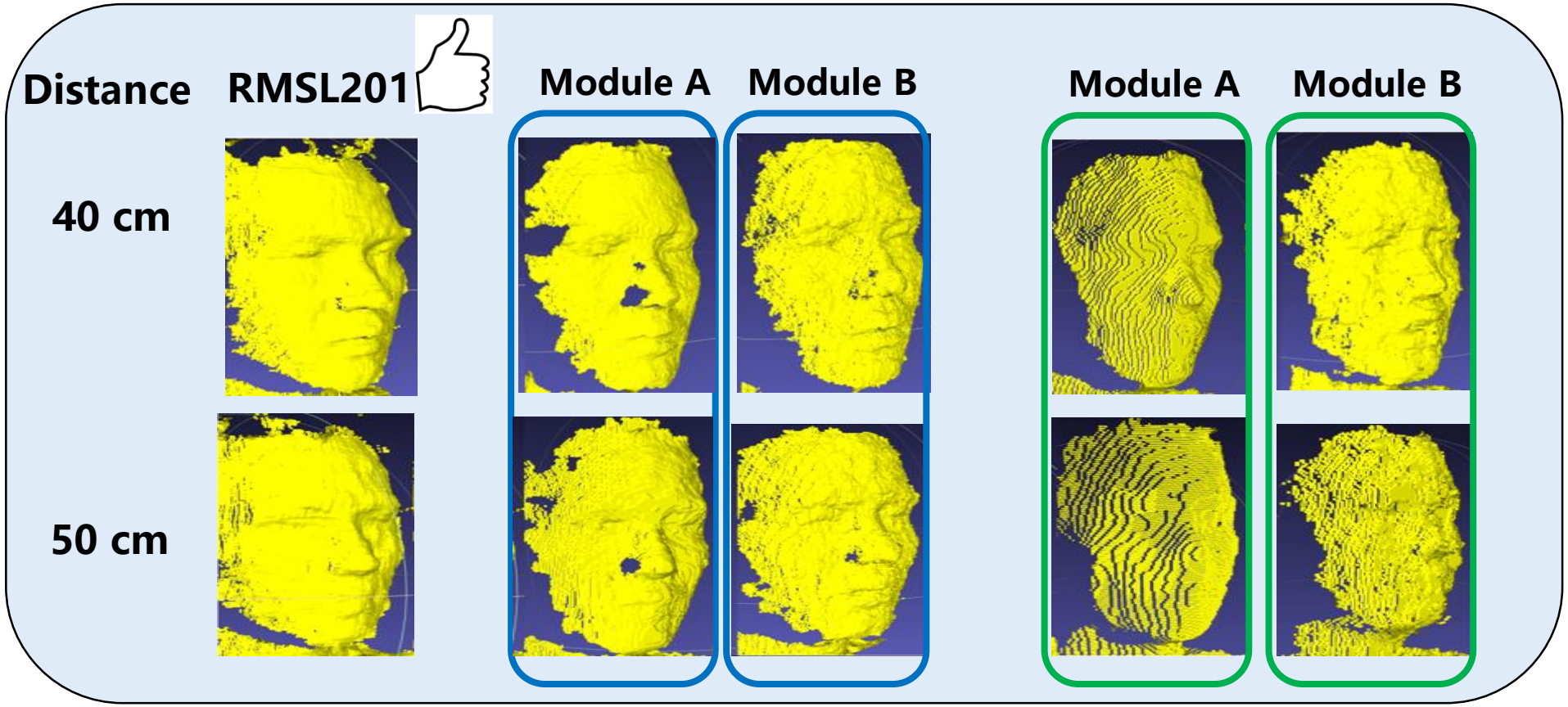


RMSL201

Advantage 2: More comprehensive and accurate 3D depth

Compared with other two modules in the market, we can find the advantages of RMSL :

1. The range can be covered more comprehensively.
2. The depth accuracy is more accurate.

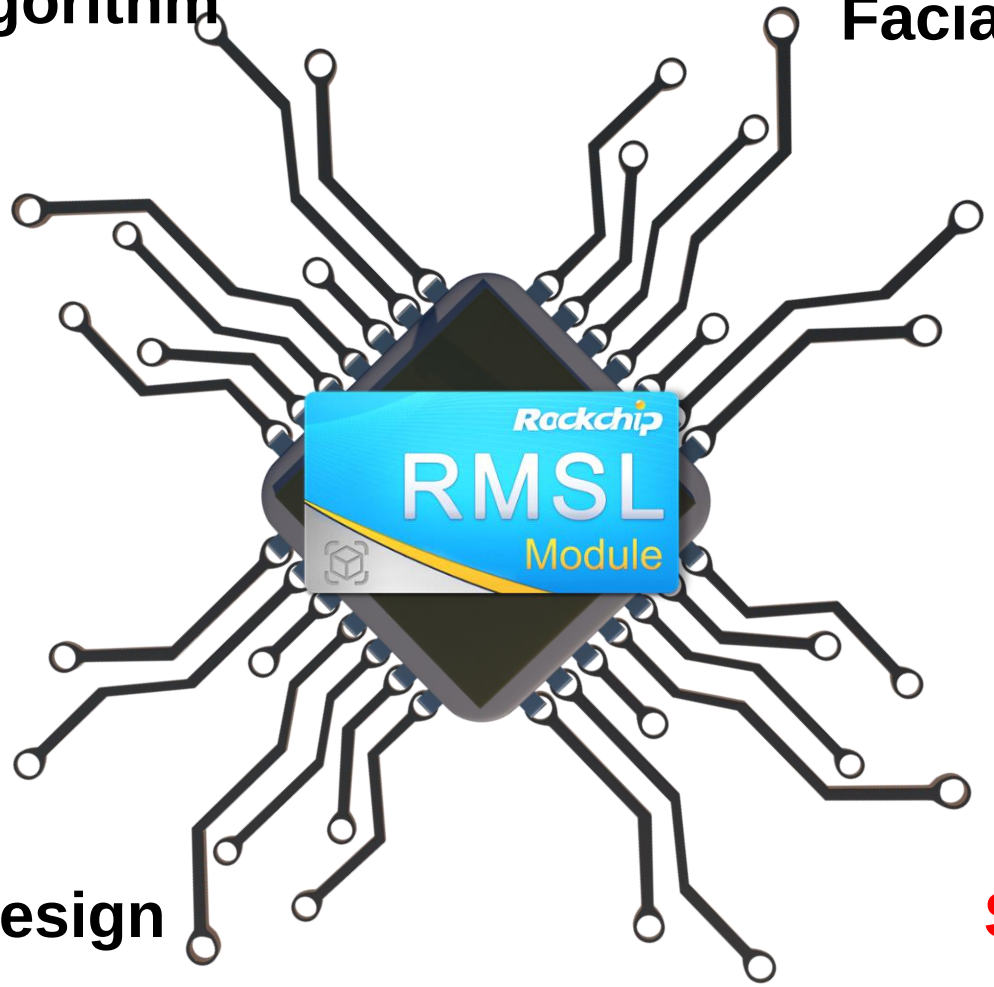


Advantage 3: Full-stack solution

Image Processing Algorithm

Facial Recognition Algorithm

Optical Device



Systems Software

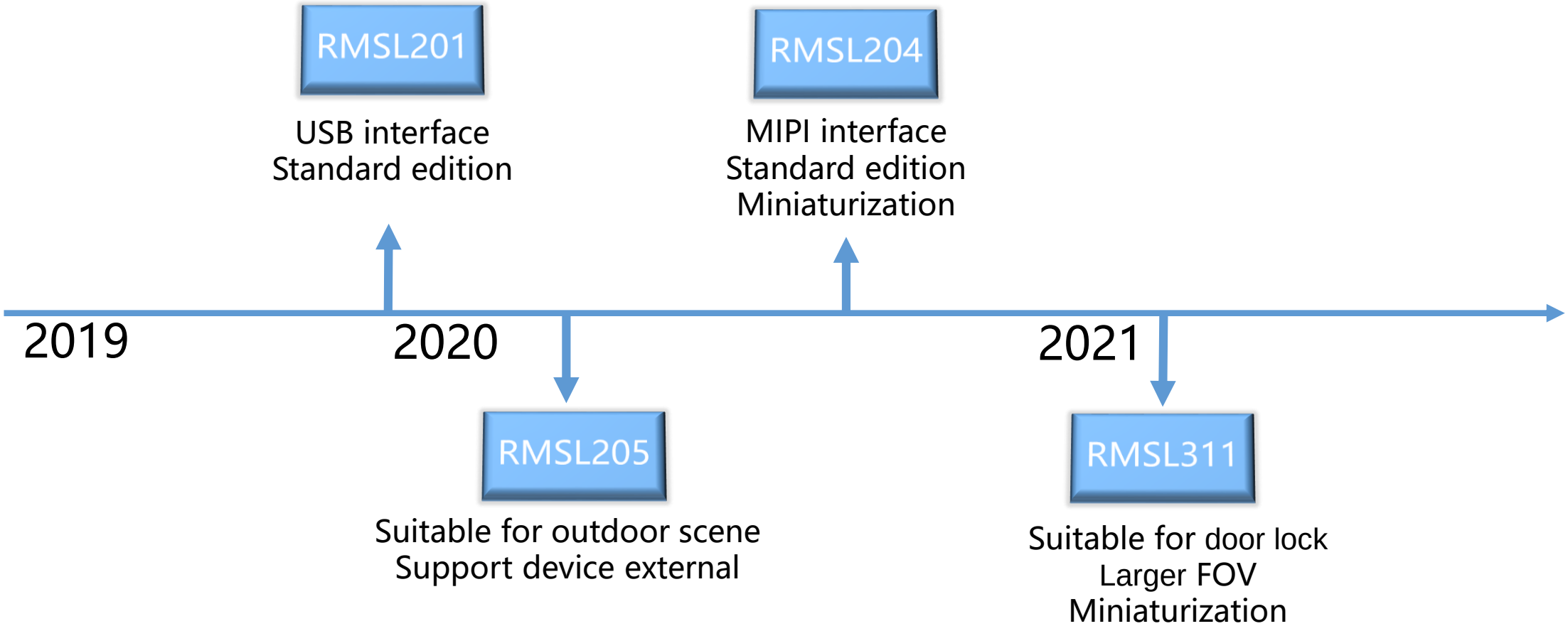
ISP Chip

Image Co-processor

Device Structured Design

Support Customization

Roadmap of Rockchip Structured Light Module



Product Features——RMSL201

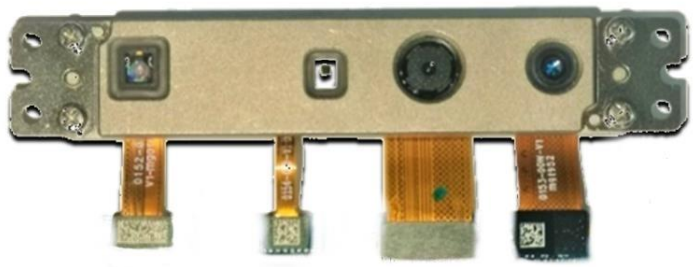
RMSL201

- USB interface
- Support **WeChat Pay, UnionPay**, etc.
- Passed **BCTC** certification
- Support outdoor identification up to 100,000 lux light
- Living-body recognition algorithm
- Embedded Security chip
- MP

Product Features——RMSL205

- **Support device external after installation**
- **Three-profings design**
- Support **WeChat Pay, UnionPay**, etc.
- Passed **BCTC** certification
- Support outdoor identification up to 100,000 lux light
- Living-body recognition algorithm
- Embedded Security chip
- USB interface
- MP

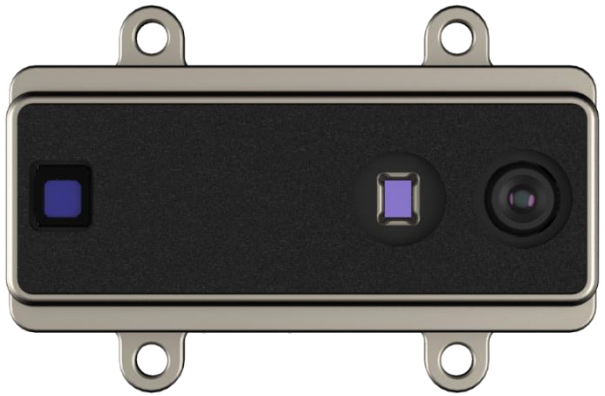
Product Features——RMSL204



RMSL204

- MIPI interface, Standard edition
- Support **UnionPay**
- Passed **BCTC** certification
- Miniaturization, which is suitable for handheld devices, such as POS machine.
- Pre-handling Algorithm
- No MP

Product Features——RMSL311



This is the design sketch.
products support customization.

- Miniaturization and suitable for door lock
- UART interface
- Larger FOV
- Support outdoor identification up to 100,000 lux light
- Support identification at 0.6m distance, which can cover the height from 1.3m to 2m.
- Facial recognition algorithms to achieve face recognition speed of less than 1s.
- No MP

Thank you!

Contact us:
No.18 Building, No.89, Software Boulevard, TongPan Rd, Fuzhou,
Fujian, PRC
P.C:350003
TEL:0591-83991906/83991907
FAX:0591-83951833