



Vzense DCAM305 is a 3D camera module developed by Vzense which uses TOF (Time of Flight) technology for face application scenarios. It is packaged in a small form factor and can provide high-precision depth information to be widely used for face-related applications;

USB2.0 protocol is very convenient to run on either PC, or android platform;

Full evaluation tool and SDK is available on Windows/Linux/Android;

## Advantages

- **High Revolution**

- VGA resolution of raw depth data

- **Small Size**

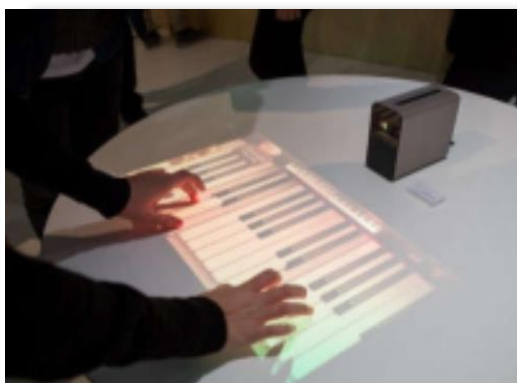
- Flexible system integration

- **Outdoor Use**

- Can work under 100K LUX ambient light environment

- **Strong Reliability**

- -20°C~50°C working temperature environment



# Specification of DCAM305

Specification	DCAM305
Technology	TOF (Time-of-flight) Depth Camera
Depth Sensor Resolution and Frame rate	480×640(VGA)(Depth@15FPS+IR@15FPS)
Depth Sensor Field of View (FOV)	Horizontal: 45.4° Vertical: 58.6°
RGB Sensor Resolution and Frame rate	Up to 1080x 1920(1080P) @30 fps
RGB Sensor Field of View (FOV)	Horizontal: 50.1° Vertical: 79.9°
Output Formats	Depth&IR Map: RAW12 RGB Camera: H.264/MJPEG
Use Range	0.3m to 1.2m
Accuracy	3mm@1m
Power Supply	5V (Micro USB2.0)
Power Consumption	Depth + RGB: 2.5W RGB only: 2W Standby: 1.2W
Illumination	940nm, VCSEL
Dimensions (L*W*H)	64mm×18mm×15mm
Interface	Micro USB 2.0
Working Temperature	-20℃-50℃
Development Environment	C/C++ SDK
Operation System	Android 5.0+, Linux, Windows 7, 8 and 10
Safety	Class 1