



VZense ToF evaluation kit DCAM710 provides the easiest way for the customer's evaluation, study or even small volume mass production;

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
- **Long Distance**
 - Up to 6m with customized service
- **Outdoor Use**
 - Can work under 100K LUX ambient light environment
- **FOV**
 - 58° or 69° choices
- **Strong Reliability**
 - -10°C~50°C working temperature environment

Specification of DCAM710

Specification	DCAM710
Technology	TOF (Time-of-flight) Depth Camera
Depth Sensor Resolution and Frame rate	Up to 640 x 480 (VGA)@30 fps
Depth Sensor Field of View (FOV)	Horizontal: 69° Vertical: 51°
RGB Sensor Resolution and Frame rate	Up to 1920 x 1080 (1080P) @30 fps
RGB Sensor Field of View (FOV)	H-73° (Can be customized) V-40°
Output Formats	Depth Map: RAW12 RGB Camera: H.264/MJPEG
Use Range	0.2m to 6.0m
Precision	<1%
Power Supply	5V (USB2.0) 5V-7V (DC Jack) (Optional)
Power Consumption	2W Ref. (3m)
Illumination	Indoor: 850nm VCSEL Or Outdoor 940nm VCSEL
Dimensions (L*W*H)	Module: 103mm x 33mm x 22mm
Interface	USB 2.0
Working/Storage Temperature	-10℃-50℃/-40℃-70℃
Development Environment	C/C++ SDK, OpenNI, ROS
Operation System	Android, Linux, Windows 7, 8 and 10

<https://www.vzense.com/>