DCAM800 is a designed for high performance operation condition in industrial environments. Built for a variety of industrial applications such as robotic obstacle avoidance, automation, cobot handling, pick and place, palletization, size measurement etc.

Advantages

- **High Revolution**
  - VGA resolution of raw depth data
- **Long Distance**
  - Up to 10m with customized service
- **Outdoor Use**
  - Can work under 100K LUX ambient light environment
- **Wide FOV**
  - Up to 100° horizontal FOV with customized service
- **Strong Reliability**
  - -10°C~50°C working temperature environment
  - IP65 encloser

Application Fields
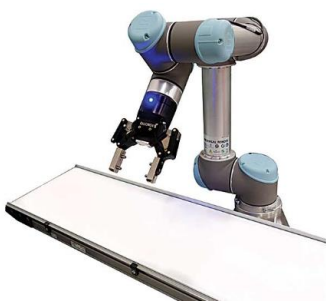
Cobot   **Volume Measurement**   **Palletization**   **Mobile Robot**

Specification of DCAM800

Parameter	DCAM800
Technology	TOF (Time of flight) Depth Camera
Depth Sensor Format & Frame rate	up to 640 x 480(VGA)@30FPS
Output format	Depth Map(RAW12)
Depth Sensor Field of View H - Horizontal, V - Vertical (degree)	H - 58° (Customizable) V - 43.84°
Distance Range	0.2m - 10m (Customizable)
Accuracy	<1%
Power Consumption	<10W (Depends on distance)
Power Supply Interface	DC Adaptor 12V~24V or POE+
Illumination	In-door 850nm/Out-door 940nm, VCSEL
Dimension (L*W*H)	84mm x 65mm x 70mm
Interface	Ethernet, CAN BUS
Algorithm / Software	C/C++ SDK, OpenNI, ROS
Operation System	Android / Linux / Windows7/8/10

https://www.vzense.com/