YDLIDAR OS30A 3D Depth Camera

The camera adopts binocular structured light 3D imaging technology to obtain depth images and realize the function of depth information modeling. It is equipped with a dedicated depth computing chip and is specially optimized for robot obstacle avoidance.

The camera is compact in size, easy to integrate, with USB2.0 standard output interface, providing users with a high degree of flexibility. It can be adapted to complex environments such as all-black environment, indoors with strong light or weak light, backlight or smooth light, even semi-outdoors, which has a wide range of applications.
Concentrated 3D module
No more | No less

Metal case
HDR
Anti-shock

Special waterproof design
No fear of harsh environment

Glass hybrid lens
High and low temperature resistant

Integrated design, ultra-low power consumption
Reduce the burden on back-end systems

Make robots serve people better
Support various platforms

- Windows
- X86 Ubuntu 18.04 and above
- RK3399 Linux
- TX2 Linux
- Android

Multi-language development

ROS

We provide SDK for Windows, Linux, Android platform. Please contact FAE to get the latest SDK.