

PRODUCT BRIEF

INTEL® REALSENSE™ DEPTH CAMERA D415

Powerful, Full-featured Depth Camera

Ideal for Development & Productization

With the addition of the Intel® RealSense™ Depth Camera D415 to the Intel® RealSense™ product lineup, Intel maintains a track record of bringing exciting new vision sensing products to market. This camera puts an Intel module and vision processor into a small form factor ideal for development and productization. Lightweight, powerful, and low-cost, it pairs with customizable software to enable a one-stop shop for assembly and creation of a new generation of sensing solutions and devices that are better able understand and interact with their surroundings.

Designed for Indoor & Outdoor Applications

Designed for easy setup and portability, the Intel® RealSense™ Depth Camera D415 is ideal for capturing indoor or outdoor environments. It features long-range capabilities and high depth resolution—up to 1280x720 at 30 frames per second (fps). It also includes active infrared (IR) stereo, rolling shutter technology and a standard wide field of view.

Complete Suite for Simple Integration

The Intel® RealSense™ Camera D415 is part of the Intel® RealSense™ 400 Series of cameras, a lineup that takes Intel's latest depth-sensing hardware and software offerings and puts them into easy-to-integrate, packaged products. Intel's complete suite of solutions includes vision processors, turnkey modules, cameras, and SDKs and computer vision libraries. Perfect for developers, makers, and innovators looking to bring depth-sensing vision to devices, Intel® RealSense™ 400 Series Cameras offer simple out-of-the-box integration and enable a whole new generation of intelligent vision-equipped devices.

D415



FEATURES

Use Environment: Indoor / Outdoor

Depth Technology: Active IR Stereo (Rolling Shutter)

Major Components: Intel® RealSense™ Module D415

Intel® RealSense™ Vision Processor D4

Depth FOV (DxVxH): 69.4 x 42.5 x 77

Depth Output Resolution & Frame Rate:

Up to 1280 x 720, Up to 90fps

Minimum Depth Distance: 0.3m

Maximum Range: 10m+ Varies depending on performance accuracy, scene and light conditions

RGB Resolution: 1080p @ 30fps

Product Dimension Length x Depth x Height:

99 mm x 20mm x 23mm

Connectors: USB 3.0