



PRODUCT BRIEF

INTEL® REALSENSE™ DEPTH CAMERA D435

Powerful, Full-featured Depth Camera

Combined Solution for Development & Productization

By introducing the Intel® RealSense™ Depth Camera D435 into the Intel® RealSense™ product lineup, Intel continues our commitment to developing cutting-edge new vision sensing products. Placing an Intel module and vision processor into a small form factor results in a combined solution ideal for development or productization. Lightweight, powerful, and low-cost, this complete package pairs with customizable software to enable the development of next-generation sensing solutions and devices that can understand and interact with their surroundings.

Ideal for Fast-moving VR or Robotics Applications

Designed for easy setup and portability, the Intel® RealSense™ Depth Camera D435 is ideal for capturing depth in fast-moving VR or robotics applications. It features long-range capabilities plus high depth resolution—up to 1280x720 at 30 frames per second (fps). Global shutter technology and a wide field of view complete the camera package.

Complete Suite for Simple Integration

The Intel® RealSense™ Camera D435 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. 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.

D435



FEATURES

Use Environment: Indoor / Outdoor

Depth Technology: Active IR Stereo (Global Shutter)

Major Components: Intel® RealSense™ Module D430 + RGB Camera, Intel® RealSense™ Vision Processor D4

Depth FOV (DxVxH): 91.2 x 65.5 x 100.6

Depth Output Resolution & Frame Rate:
Up to 1280 x 720, Up to 90fps

Minimum Depth Distance: 0.2m

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 25mm x 25mm

Connectors: USB 3.0