

PRODUCT BRIEF

INTEL® REALSENSE™ DEPTH CAMERA D400 SERIES

Choose from Powerful, Full-featured Depth Cameras

Intel® RealSense™ Depth Cameras are optimized to provide a complete solution, making it easy and cost-effective to bring new and exciting products to market. We also offer powerful, small, and low-cost hardware products as well as customizable software—serving as a one-stop shop for assembling and creating a new generation of sensing solutions and devices that better understand and interact with their environment.

These cameras are designed for easy setup and portability. They capture indoor or outdoor environments, feature long-range capabilities and high depth resolution—up to 1280x720 at 30 frames per second (fps). There are stereoscopic cameras featuring an active emitter and stereo infrared (IR) sensors. Choose from rolling or global shutter technology and a standard or wide field of view.

Intel's series 400 solutions includes vision processors, turnkey modules, cameras, and SDKs and computer vision libraries. The Intel® RealSense™ Depth Camera provides a ready-to-use device incorporating the best of our module and vision processor technology into one package. Perfect for developers, makers, system integrators, and academia—or integrate the amazing depth technology into your design.

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 (HxVxD): 69.4 x 42.5 x 77

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

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

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 (HxVxD): 91.2 x 65.5 x 100.6

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

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

RGB Resolution: 1080p @ 30fps

Product Dimension Length x Depth x Height:
90mm x 25mm x 25mm

Connectors: USB 3.0