



Powered by:



Sense™

Take your world from physical to digital with 3D scanning

Transform the way you work with the best-in-class Sense 3D scanner. Fast, easy, portable and practical, the Sense offers full-color 3D scanning for use in your home, school and business.

Key Features

POWERED BY INTEL® REALSENSE™ TECHNOLOGY

The Sense is the first USB-powered handheld scanner to use the very latest short-range scanning technology from Intel, the RealSense SR300 3D camera. Using HD color cameras and a highly-sensitive infrared projector, the RealSense technology allows a closer scan range and higher resolution than previous generation devices.

STREAMLINE DESIGN PROCESSES WITH 3D SCAN DATA

Kick off faster and improve concept designs by incorporating rapid Sense scans of physical products into design and CAD software. Choose from four key 3D file formats to save, communicate and use scan data downstream.

BUILD 3D ARCHIVES, PRODUCT VISUALIZATIONS AND COMMUNICATE YOUR PRODUCTS

Rapidly archive and preserve artifacts, products and items as color 3D data and scan objects to begin design for 3D gaming applications. Post 3D scans to share with peers or customers directly from the Sense software to SketchFab and Facebook.

CREATE YOUR CUSTOM PRODUCT LINES WITH 3D SCANS

Incorporate Sense scans to enable rapid product designs for custom-fit sporting goods, packaging and more by using customers' unique scan data in your design software.

STREAMLINE PRODUCTION PROCESSES

Easily create, design and 3D print jigs and fixtures using scan data to assist with production and machining processes. Enhance the value of 3D assembly manuals by including rapid and accurate 3D scan data from the shop floor.

SCAN AT HOME

Make home hobbies more satisfying by including 3D scanning in your woodwork projects, hobbies and more. Miniaturize objects that you scan at full size for custom RC cars and planes ready for 3D printing. Scan your family at memorable moments to be 3D printed in color.

SCAN ON THE GO

The Sense 3D scanner is light, highly portable and small enough to fit in your laptop bag so you can scan data wherever you are and bring it back to the office to complete and enhance your designs.

Scanner Properties:

Maximum power consumption:	5.0 VDC	Depth image size:	640 px (w) x 480 px (h)
Scan volume min:	0.2 m x 0.2 m x 0.2 m	Spatial x/y resolution @ 0.5 m:	0.9 mm
Scan volume max:	2 m x 2 m x 2 m	Depth resolution @ 0.5 m:	1 mm
Dimensions:	17.8 cm x 12.9 cm x 3.3 cm	Operating temperature:	10 - 40 °C
Operating range:	Min 0.4 m Max: 1.6 m	Data interface:	USB 3.0
Field of view:	Horizontal: 45°, Vertical: 57.5°, Diagonal: 69°	USB cable length:	2 m
		Maximal image throughput:	30 fps
		Color image size:	1920 px (w) x 1080 px (h)

Hardware Specification:

Supported operating systems	Windows 8® (64-bit) and Windows 10® (64-bit)
Intel Core i5 5th Gen or better	2 GHz or faster
RAM	4 GB minimum
Available hard disk space	2 GB
Screen resolution	1280 x 1024 minimum



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