

PSF R&D Labs

Q-SIGHT

Depth Scanner

Q-Sight is a revolutionary leap for the SPF industry.

A mobile, lightweight, fast, and accurate, spray polyurethane foam scanner combining powerful sensing technology with fast data processing using a powerful 8-core CPU and a 3D Depth Sensor capable of 1/16" accuracy enabling a new industry benchmark measurement standard.

The user interface in Gen 1 system measures and displays the SPF minimum depth, maximum depth, nominal depth, and area scanned.

The user interface shows a graphical display of the scanned surface allowing the user to quickly interact with the instrument.

TECHNICAL SPECIFICATIONS¹

DISPLAY

- Type IPS LCD
- 3.3 In
- 720 x 1280 pixels 16:9 ratio
- Gorilla Glass 3

PLATFORM

- Android 8.1
- Qualcomm Snapdragon 435
- Octa-core 8 x 1.1 GHz
- Adreno 505 GPU

MEMORY

- 32GB
- 3GB RAM eMMC 5.1

CAMERA

- 12-megapixel with auto-focus
- 720p@30fps video

BARCODE

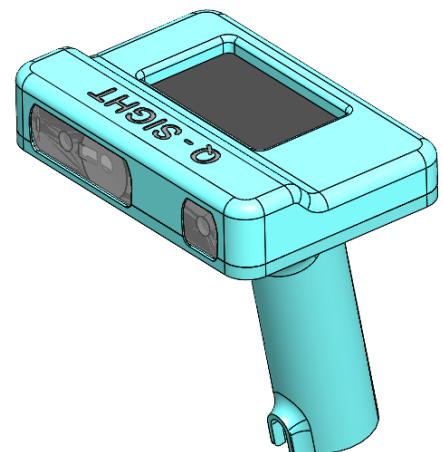
- Supported Digital and Printed 1D 2D Code

COMMS

- WLAN wifi 802.11 a/b/g/n
- Bluetooth 4.2, A2DP, LE
- USB Type-C 2.0

BATTERY

- 4150 mAh
- Charging with base or USB cable



¹Specifications are subject to change

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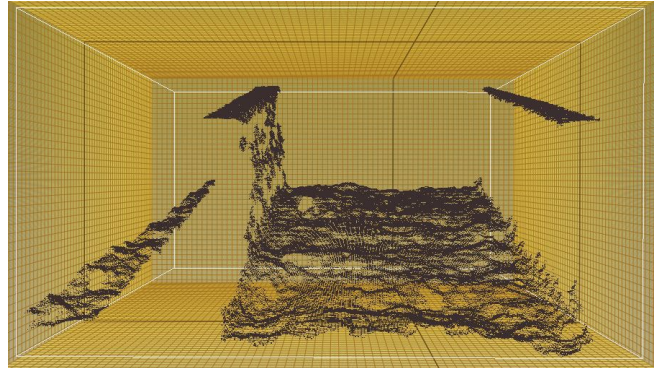
Q-SIGHT

3D Depth Sensor

The 3D Depth Sensor used in Q-Sight scanner can measure up to 15 feet away with an accuracy of 1/16" in dark and sunlight conditions.

The fast frame rate allows the CPU to model, process, and display results to the user in less than 1 second.

An entire 10ft x 10ft wall or attic sprayed surface can be measured from 15 feet away without surface contact or destructive method with repeatable results.



DEPTH PROCESSING

- NU3000 ASIC
- 1-15 ft distance
- +/-0.29% precision
- 54 FPS Frame Rate

PROJECTOR

- Laser Projector module (infrared Class 1 rating)

IMU

- Bosch BMI055
- 6-Axis (gyro and Accelerometer) 1000 Hz

POWER

- 3.1 W maximum

FOV

- 59 x 46 x 70 deg.

MECHANICAL

- Weight: 6.2 oz
- 0 to 40 C ambient

www.psftechnologies.com

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CORPORATE OFFICE

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