qboid.uk

QBOID Perceptor M2

Handheld dimensioning and data capture

Giving ‘dimensioning on the go’ a whole new meaning, the Qboid M2 Perceptor is an Android-based device with state-of-the-art technology, giving you highly accurate dimensioning and shape capture whilst on the go.

Providing instant dimension and shape data via integrated 3D colour sensors and computer vision algorithms, the Android-based M2 Perceptor is a cost-effective solution for automatically dimensioning products up to 100cm in size.

Drive higher effiencies in your storage, packaging and shipping operations.

Dimension in 0.1 seconds

Easy-to-use interface with AR preview

Instantly upload results to your WMS or database

- Integrated 3D Image Sensors
- 1D/2D Barcode Scan Engine
- Android 10 Operating System
- Touchscreen Display
- USB-C Data Transfer & Charging
- WiFi / Bluetooth Connectivity

3 EASY STEPS

Scan Barcode

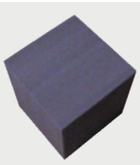
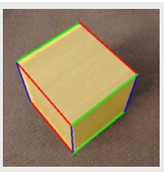
Click To Dimension

Save/Upload Results

Specifications

Key Specifications

Cuboidal Accuracy	+/- 5mm
Irregular Accuracy	+/- 10mm
Size	17.5 x 3.5 x 9.1 cm
Weight	440g
Operating System	Android 10 AOSP
Processor	Qualcomm SDM660
3D Sensor 1	Structured Light 850 nM
3D Sensor 2	Time of Flight 940nM
Barcode Scan Engine	Zebra SE4100 1D-2D Scanner
RAM	4GB
Flash Memory	64GB
Display	5.99” Capacitive Touchscreen
Touchscreen	7H Hardness - Finger/Glove Touch Support
Active Cooling	15K RPM Blower Micro Fan
External Connector	USB 3.0 Type C OTG Port
Speaker	103dB at 10cm
Battery	5000 mAh Certifications: UL/UN38.3/MSDS
Wireless	802.11 a/b/g/n/ac/d/h/i/r/k/v/w 2.4GHz/5GHz, 2x2 MU-MIMO
Bluetooth	5.0 BLE, Class 2
GPS	Available on Future LTE Models
IMU	Accelerometer / Gyro / Compass
Other Features	Vibrator, Light Sensor, HDMI
Operating Temp	+5 °C to 35 °C
IP Rating	IP65
Drop Rating	Semi-rugged: 1m Drop to Concrete
ESD Rating	Contact: +/- 8kV. Air +/- 15kV
Certifications	CE, RoHS, FCC Part 15B: 2AYQM-M2W01

Real-time API Record Upload

UTC and local time stamp generation for each dimensin record	2022/01/01 10:05:19
Dim L x W x H Result	132 x 131 x 134 mm
Barcode Scan Read	420950709400 109898642892 605572
Weight (via Bluetooth)	85g
Item Shape Analysis	Cuboidal, Irregular
Property Selections (4 Programmable Keys)	for example: FRAG=L1 CASE=YES GLS=YES HZMT=NO
Optional Text Entry via Android keyboard or barcode scan	For example: Case level UPC barcode
Image Pair: - Item with bounding box - Item with background removed