

Saveo Scan Rugged 1D

Saveo Scan Rugged is an industrial grade, IP67 rated, barcode scanner for Android®, Windows® and Bluetooth® enabled mobile devices. Its ultra-tough, drop-proof design is sealed against liquid and dust. A premium performance Zebra laser scan engine makes scanning fast and efficient. A high-capacity battery and charging dock offer a highly dependable solution for even the toughest of work environments.

FEATURES

- HIGH-PERFORMANCE ZEBRA SE955 1D LASER SCAN ENGINE
- AN ULTRA-RUGGED INDUSTRIAL BUILD
- IP67 RATED, WATERPROOF AND SHOCK PROOF
- ANDROID / WINDOWS / BLUETOOTH-ENABLED DEVICES
- BLUETOOTH 4 LOW ENERGY
- HID & SPP CONNECTIVITY
- SAVEO WEARABLE ACCESSORY SUPPORT
- 3-YEAR HARDWARE WARRANTY AS STANDARD



Saveo 10-Port / 6-Port Pro USB Multi-Unit Charger Options



Saveo Custom Device Wrist Mount

DESCRIPTION	P/N
Saveo Scan Rugged – 1D Industrial IP67 Barcode Scanner w/ Zebra SE955 Scan Engine, Bluetooth 4 LE, HID & SPP	SAVEO-RGDPTL-Z1D-BT

FEATURED ACCESSORIES	P/N
Saveo 10-Port Pro USB Multi-Unit Chargers	SC1005
Saveo 6-Port Pro USB Multi-Unit Chargers Saveo Custom Device Wrist Mount	SC1007
Saveo Custom Device Wrist Mount	SBB012

SPECIFICATIONS

Performance characteristics	
Scan Engine	Zebra SE955
Illumination Element	Visible Laser Diode 650 nm
Scan Speed	104 (±) 12 scans/sec (bi-directional)
Sensor	Laser 1D
Reading angle	47° ± 3° (typical) / 35° ± 3° (narrow)
Print contrast	≥ 20%
Indicators	Audible Beeper
Battery Type	2000mAh Li-Ion battery (30,000 scans)
Interface	Bluetooth (HID), Bluetooth (SPP) v4.1 LE
Bluetooth Radio Range	BT Class 1, 2.4 GHz (100m, in open area)

Electrical characteristics	
Input voltage	5 V/DC ± 5%
Current - operating	Input Voltage: 3.3 VDC± 10% Scan Current: 76 mA typical Standby Current: 12 µA max.

Physical characteristics	
Dimensions	21.17 mm x 14.6 mm x 11.52 mm(L * W * H)
Weight	200 g (+/- 5 g)

User Environment	
Operating temperature	-4° to 140°F (-20° to 60°C)
Storage temperature	-40° to 158°F (-40° to 70°C)
Humidity	5% to 95%, non-condensing
Ambient Light	0–100,000 lux (total darkness to bright sunlight)

Symbologies	
All major 1D bar codes, including: Codabar, Code 11, Code 128, Code 2 of 5, Code 39, Code 93 and 93i, EAN/JAN-13, EAN/JAN 8, IATA Code 2 of 5, Interleaved 2 of 5, UPC-A, UPC-E, UPC-A/EAN-13 with Extended Coupon Code, Coupon GS1 Code 32 (PARAF)	

Depth of Field	
4 mil: Code 39	2.5:1 - 80% MRD: 1 - 5.5 (in) / 2.5 - 13.97 (cm)
5 mil: Code 39	2.5:1 - 80% MRD: 1.25 - 8 (in) / 3.18 - 20.32 (cm)
7.5 mil: Code 39	2.5:1 - 80% MRD: 1.5 - 13 (in) / 3.81 - 33.02 (cm)
10 mil: Code 39	2.5:1 - 90% MRD: 1.5 - 18 (in) / 3.81 - 45.72 (cm)
13 mil 100% UPC	2.5:1 - 90% MRD: 1.5 - 24 (in) / 3.81 - 60.96 (cm)
15 mil: Code 39	2.5:1 - 80% MRD: 1.5 - 28 (in) / 3.81 - 71.12 (cm)
20 mil: Code 39	2.2:1 - 80% MRD: 1.75 - 33 (in) / 4.45 - 83.82 (cm)
40 mil: Code 39	2.2:1 - 80% MRD: * - 36 (in) / x - 91.44 (cm)
55 mil: Code 39	2.2:1 - 80% MRD: * - 45 (in) / x - 114.30 (cm)