

# 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<br>Current: 76 mA typical Standby<br>Current: 12 µA max. |

| Physical characteristics |  |
|--------------------------|--|
| Dimensions               | 21.17 mm x 14.6 mm x 11.52 mm(L * W * H) |
| Weight                   | .28 oz./ 8 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) |

| Symbolologies   |  |
|---|--|
| 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)      |