

Saveo BOLT™ is a next generation smart barcode scanner for Android®, Windows® and iOS® devices. A universal quick-release mounting system allows for any type of smartphone or tablet to be integrated in seconds whilst providing interoperability with a growing range of Saveo devices. FlexProtect™ invisible device cables allow for your device to fast charge and data to be securely transferred whilst in use, whilst protecting your device's charging port. Use completely wirelessly with a Bluetooth Low Energy connection with instant auto-switching feature. SAVEO BLTS12D features a high performance OEM 2D imager that has been selected to give you an edge whether scanning from paper media or digital screens. Typical uses include inventory control, ticketing, logistics, retail, manufacturing, field services, warehousing, food, medical and pharmaceutical industries.

## FEATURE HIGHLIGHTS

- x IP67 RATED RUGGED WATERPROOF DESIGN
- x UNIVERSAL QUICK-RELEASE DEVICE MOUNT SYSTEM
- x HIGH PERFORMANCE 2D SAVEO CMOS SCAN ENGINE
- x SUPPORTS ANDROID®, iOS® AND WINDOWS® DEVICES
- x USB WIRED & BLUETOOTH® CONNECTIVITY MODES
- x DOCKING STATION FOR DUAL FAST CHARGE (INCLUDED)
- x INVISIBLE TO-DEVICE CABLE SYSTEM (INCLUDED)
- x LED STATUS INDICATOR, AUDIBLE BEEPER
- x SCAN OVER 80,000 TIMES ON A SINGLE CHARGE

| PART DESCRIPTION  | P/N            |
|---|----------------|
| 2D CMOS Saveo BOLT Rugged Barcode Scanner (SAVEO S12D), Multi-USB Interface, Bluetooth 4. BLE, Universal Device Mount, Fast Charging Cradle. Saveo Flex-Protect™ USB Type-C, Micro and Lightning® Cables. | SAVEO-BLT-S12D |

## SPECIFICATIONS

| Performance characteristics |   |
|-----------------------------|---|
| Scan Engine                 | SAVEO S12D (2D CMOS Scan Engine)                |
| Sensor                      | CMOS 1280pixel(H)*800pixel(V)                   |
| Illumination Element        | 5600K White LED                                 |
| Depth of field              | 30mm~300mm, Data Matrix (10mil)                 |
| Scan Speed                  | 30 frames per second                            |
| Aim Assist                  | Red LED Aim Bar                                 |
| Reading angle               | Tilt: 360°, pitch: ±60°, skew: ±60°             |
| Print contrast              | ≥ 15-30°  |
| Indicators                  | LED status Indicator & Audible Beeper           |
| Interface                   | USB HID, USB COM, Bluetooth HID, SPP (4.2, BLE) |
| Triggering                  | Manual Scan Trigger + Autosense + Continuous    |

| Electrical characteristics  |  |
|-----------------------------|--|
| Input voltage               | 5 VDC ± 1.0 V  |
| Current - operating         | Operating 410mA, Idle 260mA                          |
| Battery                     | Li-ion 3200mah (80,000+ scans on a single charge)    |
| Charge Time                 | 1.5hrs (approx.);,from Low to Max                    |
| To-Device Cables (included) | Saveo Flex-Protect™ USB Type-C, Micro and Lightning® |
| Charging Cradle (included)  | USB Type-C + USB Micro cable input ports             |

| Physical characteristics |                                |
|--------------------------|--------------------------------|
| Dimensions               | 145 X 85 X 105 mm (L x W x H)  |
| Weight                   | 460 g +/- 5 g (Without cradle) |

| User Environment      |  |
|-----------------------|--|
| Operating temperature | -20° ~ + 80°   |
| Storage temperature   | -40° ~ + 70°   |
| Humidity              | Up to 95% relative humidity, non-condensing          |
| Ambient Light         | Maximum 100,000Lux. (direct sunlight)                |
| Drop Rating           | Can withstand multiple drops at a height of 2 meters |

| Symbologies  |  |
|--|--|
| 2D: PDF417, QR Code (QR1/2, Micro), Data Matrix, MaxiCode, Aztec code.<br>1D : Code128, UCC/EAN-128, AIM128, EAN-8, EAN-13, JAN-8&JAN-13, ISBN/ISSN, UPC-E, UPC-A, (Expanded & stacked), Interleaved 2 of 5, ITF-6, ITF-4, Matrix 2 of 5, Industrial 25, Standard 25, Code39, Codabar, Code 93, Code 11, Code32,IATA 2 of 5,Pharmacode GS1 databar stacked, Limited, Expanded, Codebar (NW7) |  |

| Packing details |  |
|-----------------|--|
| Inner Box       | 1pc/box; 300mm x 250mm x 170mm<br>900g                 |
| Carton          | 12sets/ctn;<br>11.8kg/ctn;<br>690mm×420mm×255mm        |
| Certifications  | IP67, FCC, CE, RoHS, Antimicrobial, Ex (Atex), 2m Drop |