

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 Scan devices. Flex-Protect ‘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-BLT-S12D features a high-performance OEM 2D imager that has been selected to give you an edge whether scanning from paper media or digital screens. Its suited uses include inventory control, ticketing, logistics, retail, manufacturing, field services, warehousing, food, medical and pharmaceutical industries. Saveo BOLT™ features a rugged industrial build quality and is certified IP67, Ex (Atex), Anti-Microbial and for repeated drops of up to 2 meters.

FEATURE HIGHLIGHTS

- IP67 RATED RUGGED WATERPROOF DESIGN
- UNIVERSAL QUICK-RELEASE DEVICE MOUNT SYSTEM
- HIGH PERFORMANCE 2D SAVEO CMOS SCAN ENGINE
- SUPPORTS ANDROID®, iOS® AND WINDOWS® DEVICES
- USB WIRED & BLUETOOTH® CONNECTIVITY MODES
- DOCKING STATION FOR DUAL FAST CHARGE (INCLUDED)
- INVISIBLE TO-DEVICE CABLE SYSTEM (INCLUDED)
- LED STATUS INDICATOR, AUDIBLE BEEPER
- 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 4.2 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. 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 900g
Carton	12sets/ctn; 11.8kg/ctn; 690mm×420mm×255mm
Certifications	IP67, FCC, CE, RoHS, Antimicrobial, Ex (Atex), 2m Drop