BOLT

Saveo BOLT X1™ is a next-generation smart barcode scanner for Android®, Windows® and iOS* devices. SAVEO-BLTX1-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. In-built NFC & HF RFID read and write features further expand your devices Auto-ID capability. Flex-Protect 'invisible' device cables allow for your device to fast charge when docked and for data to be securely transferred whilst in use, whilst protecting your device's charging port from damage and debris. Use completely wirelessly with a Bluetooth Low Energy (v5.0) connection, with instant auto-switching feature. Saveo BOLT X1™ suited uses include inventory control, ticketing, logistics, retail, manufacturing, field services, warehousing, food, medical and pharmaceutical industries. Saveo BOLT X1™ features a rugged industrial build quality and is certified IP67, and can withstand repeated drops of up to 2 meters.

FEATURE HIGHLIGHTS

- **HIGH PERFORMANCE 2D SAVEO CMOS SCAN ENGINE**

- **INTEGRATED NFC & RFID (HF) READ AND WRITE**

- **SUPPORTS ANDROID®, iOS® AND WINDOWS® DEVICES**

- **MULTIPLE USB WIRED & BLUETOOTH® CONNECTIVITY MODES**

- **DOCKING STATION FOR DUAL-DEVICE FAST CHARGE (INCLUDED)**

- **IP67 RATED RUGGED WATERPROOF DESIGN**

- **LOW-PROFILE TO-DEVICE CABLE SYSTEM (INCLUDED)**

- **LED STATUS INDICATORS, AUDIBLE BEEPER, AND SILENT HACTIC FEEDBACK FEATURES**

- **SCAN OVER 60,000 TIMES ON A SINGLE CHARGE**

PART DESCRIPTION	P/N
Saveo BOLT X1 Rugged Barcode Scanner, Integrated 2D CMOS (SAVEO S12D) Imager, NFC/HF-RFID Read/Write, Multi-USB Interface, Bluetooth 5.0 LE, Fast Charging Cradle. Saveo Flex-Protect™ USB Type-C, Micro and Lightning® Cables.	SAVEO-BLTX1-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 Indictor & Audible Beeper
Interface	USB HID, USB COM, Bluetooth HID, SPP (5.0, BLE)
Triggering	Manual Scan Trigger + Autosense + Continuous

Electrical characteristics	
Input voltage	5 VDC ± 1.0 V
Current - operating	Operating 340mA, Idle 220mA
Battery	Li-ion 2000mah (60,000+ 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	100 X 67 X 30 mm (L x W x H)
Weight	160 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
EAN-8, EAN-13, Codabar, CODE 11, CODE 39, CODE 93, CODE128, China Post, GS1-128, GS1 Limited, GS1 Omnidirectional, UPC-A, UPC-E, ISBN/ISSN, ISBT, Interleaved 2 of 5, Matrix 2 of 5, Industrial 2 of 5, MSI Plessey, ITF14.

Packing details	
Inner Box	1pc/box; 2100mm x 160mm x 50mm 350g
Carton	12sets/ctn
Certifications	IP67, FCC, CE, RoHS, 2m Drop