

Turn your **iPhone®** into an all-in-one **Barcode** and **RFID** solution.

Introducing SAVEO BOLT X2, the next-generation MFi®-certified barcode scanner and RFID reader designed for iPhone®.

Powered by the latest Megahunt 2D scan engine, the BOLT X2 is an MFi®-certified barcode scanner and HF-RFID reader built for the demands of retail, healthcare, logistics, ticketing and field service, where speed and accuracy aren't optional.

Its modular architecture pairs a single scanner core with interchangeable Saveo Rugged cases across the full iPhone® lineup, ensuring your investment stays relevant as devices evolve.

Already on LineaPro™? The BOLT X2 is fully SDK-compatible, giving enterprise teams a seamless, zero-disruption migration path.

FEATURE HIGHLIGHTS

- HIGH-PERFORMANCE MEGAHUNT 2D SCAN ENGINE
- INTEGRATED RFID (HF) READ AND WRITE
- SUPPORTS APPLE® MFi (iAP2, USB) AND LINEAPRO™ SDK-BASED APPS
- DOCKING STATION FOR DUAL-DEVICE FAST CHARGE (INCLUDED)
- IP65 RATED RUGGED WATERPROOF DESIGN
- FLEX-PROTECT CABLE SYSTEM (INCLUDED)
- LED STATUS INDICATORS, AUDIBLE BEEPER, AND SILENT HAPTIC FEEDBACK FEATURES
- SCAN OVER 70,000 TIMES ON A SINGLE CHARGE



PART DESCRIPTION	P/N
Saveo BOLT X2 MFi-certified modular barcode scanner and RFID reader with Megahunt 2D scan engine, iAPP2 compatible Type-C, and Lightning® Cables, Fast Charging Cradle. Saveo Flex-Protect Case (iPhone model specific)	SBX2-MH1/PH1617E

SPECIFICATIONS

Performance characteristics	
Model Name / Scan Engine	Saveo BOLT X2 (SBX2-MH1) / Megahunt MH101 2D
Sensor	300,000 pixel, 640*480 - CMOS Global Shutter
Illumination Element	2 x 625nm Warm white LEDs
Depth of field	40mm~530mm(Different barcode range)
Scan Speed	30 full frames per second (FPS)
Aim Assist	RED LED Aiming Bar (optional, default: on)
Reading angle	Roll: $\pm 360^\circ$, Pitch: $\pm 60^\circ$, Skew: $\pm 55^\circ$
Print contrast	$\geq 20^\circ$
Indicators	LED status Indictorm Haptic Feedback & Audible Beeper
Interface	USB HID, COM, MFi (iAP2, USB)
Triggering	Manual Scan Trigger + Soft-Trigger & Auto-sense mode

Electrical characteristics	
Input voltage	5 VDC $\pm$ 1.0 V
Current - operating	Operating 300mA, Idle 295mA
Battery	Li-ion 2000mah (70,000+ scans on a single charge)
Charge Time	1.5hrs (approx.);,from Low to Max
To-Device Cables (included)	Saveo FlexProtect™ USB Type-C and Lightning®
Charging Cradle (included)	USB Type-C - USB Type-A, USB Mains Adaptor

Physical characteristics	
Dimensions (W x H x D)	69.2mm x 100.5mm x 26.4mm (Without Case Bolted on)
Weight	181g (6.38oz) - (Without Case Bolted on)

User Environment	
Operating temperature	-20° F ~ + 80° F
Storage temperature	-40° F ~ + 70° F
Humidity	5% to 85% relative humidity, non-condensing
Ambient Light	Maximum 96,900Lux. (direct sunlight)
Drop Rating	Can withstand multiple drops at a height of 1.8 meters

Symbolologies	
1D:UPC-A,UPC-E,EAN-8,EAN-13,Code 128, GS1-128, Code 39,Code 32, Code 93,Code 11,Interleaved 2 of 5,Matrix 2 of 5,Industrial 2 of 5(Straight 2 of 5),Standard 2 of 5(IATA 2 of 5),Codabar(NW-7),MSI,GS1 Databar(Omnidirectional, Limited, Expanded),China Post, Tepepen, Febraban,GS1 Composite etc. 2D: QR Code, Micro QR Code, Data Matrix,PDF417, Micro PDF 417, MaxiCode, Aztec,HanXin Code, etc.	

Packing details	
Inner Box	1pc/box; 219mm x 126mm x 950mm 660g
Bulk Carton	25sets/ctn; 15kg/ctn; 610mm×479mm×189mm
Certifications	IP65, FCC, CE, RoHS, 1.8m Drop

