saveo
SCAN

Scanning
with Simplicity

* shown with Motorola MOTO G

saveo

Saveo Scan enables you to convert your smartphone or tablet into a high-performance barcode scanner suitable for use in ticketing, retail, logistics, pharmaceutical, inventory control and healthcare sectors.

- Compatible with Android, Windows and iOS based mobile devices

- HID communication allows you to start scanning instantly, saving you the time and cost of software development.

- USB OTG-compatible Android devices will allow wired data connection, while Bluetooth connectivity is possible with any Android, Windows or iOS based mobile device.

- Three scan engines are available. Choose from 2D, 1D CCD or 1D laser-scan engines, depending on your needs.

- Saveo Scan offers multiple mounting options. Choose from an adjustable smart-phone or tablet holder or get military-grade protection with a rugged clip-on holder.

- Minimize downtime by charging your device and scanner simultaneously with the included charging cradle.

Key Features

- Start scanning out of the box

- Charges scanner and phone simultaneously

- Universal mounting mechanism

- Easily switch between USB OTG and BT connection

- Scan 20,000 times on a single charge

- Increased battery life

- Available with 2D, 1D CCD or 1D Laser engines

SAVEO
www.saveoscan.com
US PH: +1-720-257-7070   Email: inquire@saveoscan.com   UK PH: +44 (0) 208 099 8071

Choose

With BT and USB OTG support, Saveo Scan supports most makes and models of mobile device, including: Samsung, Apple, Motorola, HTC, Nokia and many more.

Connect

Connect device using the cable provided. This offers USB OTG support with compatible devices and charges all devices with supplied charging cradle.

Scan

Saveo Scan is ready to use out of the box. Simply connect your device and start scanning.

SAVEO-SCAN-M22D-BH

- Equipped with 2D Motorola SE4500 scan engine
- Supports Android, iOS and Windows based devices
- USB OTG and Bluetooth connectivity
- Equipped with 1MB memory
- Can scan 10,000 times on a single charge
- Charges scanner and device simultaneously with included charging cradle
- Multiple mounting options available

Performance Characteristics

Sensor resolution	752 x 480 pixels
Aiming IED (VID)	655nm laser
Illumination Element	2x 625nm lEDs
Field of View	Horizontal: 40° Vertical: 25°
Scan Angle	Tilt: 360° / Pitch ±60° / Skew ±60°
Depth of Field	1D (100% UPC/EAN):410 mm 2D (15mils PDF417):375 mm
Scan Speed	60 frame /sec
Best Resolution	1D (4mils)：Code 39 2D (6.7mils)：PDF417
Print Contrast	≥ 25%
Indicators	LED & Beeper
Auto-sensing	Up to 180 mm

Symbologies

UPC-A, UPC-E, UPC-E1, EAN-8, EAN-13, Bookland EAN, Code 128, UCC/EAN-128, ISBT 128, Code 39, Trioptic Code 39, Code 32 (Italian Pharma Code), Code 93, Code 11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, GS1 DataBar, PDF 417, MicroPDF417, Datamatrix, QR Code, Micro QR Code, Aztec , RSS, Composite, TLC-39, MaxiCode Postal: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX)

User Environment

Operating Temperature	0˚C to 50˚C
Storage Temperature	40˚C to 70˚C
Humidity	95% RH, non-condensing
Ambient Light	Max 96,900 lux (direct sunlight)
Shock	1.2 m drop onto concrete

Electrical Characteristics

Input Voltage	5 V/DC ± 0.5 V
Operating Current	< 450 mA
Radio Range	BT Class 1 (100m,line of sight)
RF Frequency	2.4GHz
Memory Capacity	1MB
Communication	BT HID & SPP profiles USB OTG (for Android OTG Devices)
Battery Type	Rechargeable Li-Ion battery pack (3.7V 800mAH)
Scans per charge	10,000 readings/fully charged
Charge Time	4 ~ 5 hours
Charging Current	500 mA Max.

Physical Characteristics

Dimension	90 X 60 X 178 mm (L*W*H)
Weight	Scanner: 165 g Cradle: 225g

Decode Ranges

4 mils Code 39	50 ~ 160 mm
5 mils Code 39	24 ~ 180 mm
10 mils PDF 417	40 ~ 270 mm
15 mils PDF 417	48 ~ 375 mm
10 mils QR code	35 ~ 170 mm
15 mils QR code	65 ~ 260 mm
10 mils Data Matrix	36 ~ 195 mm
15 mils Data Matrix	46 ~ 310 mm

SAVEO-SCAN-RCCD-BH

- Equipped with ultra long-range CCD scan engine
- Supports Android, iOS and Windows based devices
- USB OTG and Bluetooth connectivity
- Equipped with 1MB memory
- Can scan 10,000 times on a single charge
- Quick scan speed: 300 scans/sec
- Charges scanner and device simultaneously with included charging cradle
- Multiple mounting options available

Performance Characteristics

Light Source	610nm~640nm RED LED
Depth of Field	UPCA (13mil): 30mm~600mm EAN13 (13mil): 30mm~590mm
Scan Speed	300 scans/sec
Best Resolution	4 mils
Print Contrast	$\geq 30\%$
Reading Angle	Pitch +/-45° @ 0° Roll and 0° Skew Roll +/-30° @ Pitch and 0° Skew Skew +/-60° @ Roll and 0° Pitch
Indicators	LED & Beeper
Auto-sensing	Up to 180 mm

Symbologies

EAN-13, EAN-8, UPC-A, UPC-E, ISSN, ISBN, Codabar, Code 128, Code 93, ITF-6, ITF-14, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, GS1 Databar, Code 39, Code 11, MSI-Plessey, Plessey

Physical Characteristics

Dimension	90 X 60 X 178 mm (L*W*H)
Weight	Scanner: 165 g Cradle: 225g

Electrical Characteristics

Input Voltage	5 V/DC ± 0.5 V
Operating Current	250 mA max
Radio Range	BT Class 1 (100m, line of sight)
RF Frequency	2.4GHz
Memory Capacity	1MB
Communication	BT HID & BT SPP profiles USB OTG (for Android devices)
Battery Type	AA NiMH rechargeable battery 1.2V x 2 (2.4V 2300mAH)
Scans per charge	10,000 readings/fully charged
Charge Time	4 ~ 5 hours
Charging Current	500 mA Max.

User Environment

Operating Temperature	0°C to 50°C
Storage Temperature	-10°C to 60°C
Humidity	95% RH, non-condensing
Ambient Light	0 ~ 100,000 LUX
Shock	1.2 m drop onto concrete

www.saveoscan.com
Email: inquire@saveoscan.com
US PH: +1-720-257-7070
UK PH: +44 (0) 208 099 8071

SAVEO-SCAN-R11D-BH

- Equipped with 1D Laser engine with "No Moving parts Inside Technology"
- Supports Android, iOS and Windows based devices
- USB OTG and Bluetooth connectivity
- Equipped with 1MB memory
- Can scan 20,000 times on a single charge
- Charges scanner and device simultaneously with included charging cradle
- Multiple mounting options available

Performance Characteristics

Light Source	650 nm Laser Diode, Class 1
Depth of Field	420mm (40 mils Code 39)
Scan Speed	100 scans/sec
Best Resolution	0.1 mm (4 mils) - Code 39
Print Contrast	45% or more
Reading Angle	38°
Indicators	LED & Beeper
Auto-sensing	Up to 180 mm

Symbologies

Code 128, Coda bar, Interleave 25, Industrial 25, Matrix 25, China postage, UPC-A, UPC-E, EAN-13, EAN-8, MSI, Plessey, Code 11, Code 39, Code 32, Code 93, Telepen

User Environment

Operating Temperature	0˚C to 50˚C
Storage Temperature	-20˚C to 60˚C
Operating Humidity	10% to 85% RH, non-condensing
Storage Humidity	5% to 95% RH, non-condensing
Ambient Light	Fluorescent Light 300 lux Sun Light 30,000 lux
Shock	1.2 m drop onto concrete

Electrical Characteristics

Input Voltage	5 V/DC ± 0.5 V
Operating Current	250 mA max
Radio Range	BT Class 1 (100m,line of sight)
RF Frequency	2.4GHz
Memory Capacity	1MB
Communication	BT HID & BT SPP profiles USB OTG (for Android devices)
Battery Type	AA NiMH rechargeable battery 1.2V x 2 (2.4V 2300mAH)
Scans per charge	20,000 readings/fully charged
Charge Time	4 ~ 5 hours
Charging Current	500 mA Max.

Physical Characteristics

Dimension	90 X 60 X 178 mm (L*W*H)
Weight	Scanner: 165 g Cradle: 225g

Decode Ranges (based on Code 39 PCS=0.9 label in 600 lux environment)

4 mils	40 ~ 70 mm
5 mils	45 ~ 120 mm
13 mils	30 ~ 250 mm
20 mils	40 ~ 320 mm
40 mils	65 ~ 500 mm

SCAN

Saveo Scan comes in a range of mounting options. The adjustable smartphone holder is a quick and easy way to secure your smartphone to the scanner and can even accomodate your phone with the case still on. There is also a rugged option that includes a case that offers the highest possible protection which can then be clipped onto the scanner.

Saveo Scan Options	
SBB001	Adjustable Smartphone Holder for Saveo Scan
SBB002	Adjustable 7" Holder for Saveo Scan
AMS-AKN-ADP	Base plate Spring loaded key adapter
AEGIS	Aegis Trident case
KRAKEN	A.M.S. Kraken Case (connect to SBB003)

For more information, contact us at:

Unit 4,
Bramber Court,
Bramber Road,
London,W14 9PW,
United Kingdom

US PH: +1-720-257-7070
UK PH: +44 208 099 8071
IRE PH: +353 1 685 4600

Email: inquire@saveoscan.com