

save20

SCAN



Scanning
with Simplicity

* shown with Motorola MOTO G

save20

eventOvation.com.au

info@eventOvation.com.au

+61 2 4567 7822

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 smartphone 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.



- 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



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 |