

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