

save20

POCKET SCAN

Scanning with
Simplicity



save20

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SAVEO-SCAN-PKT-M22D-BT

- Equipped with Motorola SE4500 2D engine
- Small form factor fits in your pocket
- Supports Android, iOS and Windows based devices
- Bluetooth Class 1 connectivity
- Equipped with 1MB memory
- Can scan 10,000 times on a single charge
- Two operation modes: Data Storage to save to internal memory and Data Transmission to scan directly to device.



Performance Characteristics

Sensor resolution	752 x 480 pixels
Aiming IED (VID)	650nm laser
Illumination Element	2x 625nm IEDs
Field of View	Horizontal: 40° Vertical: 25°
Scan Angle	Tilt: 360° / Pitch $\pm 60^\circ$ / Skew $\pm 60^\circ$
Depth of Field	1D (100% UPC/EAN): 430 mm 2D (15mils PDF417): 395 mm
Scan Speed	60 frame /sec
Best Resolution	1D (5mils) : Code 39 2D (6.7mils) : PDF417
Print Contrast	$\geq 25\%$
Indicators	LED & Beeper

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	-10°C to 60°C
Humidity	95% RH, non-condensing
Ambient Light	Max 96,900 lux (direct sunlight)

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 profile BT SPP profile
Battery Type	Rechargeable Li-Ion battery pack (3.7V 800mAH)
Scans per charge	6,000 readings/fully charged
Charge Time	4 ~ 5 hours
Charging Current	500 mA Max.

Physical Characteristics

Dimension	100 X 43 X 25 mm (L*W*H)
Weight	66 g

Decode Ranges

4 mils Code 39	70 ~ 180 mm
5 mils Code 39	44 ~ 200 mm
10 mils PDF 417	60 ~ 290 mm
15 mils PDF 417	68 ~ 395 mm
10 mils QR code	55 ~ 190 mm
15 mils QR code	85 ~ 280 mm
10 mils Data Matrix	56 ~ 215 mm
15 mils Data Matrix	66 ~ 330 mm

SAVEO-SCAN-PKT-RCCD-BT

- Equipped with Ultra-Long Range CCD engine
- Small form factor fits in your pocket
- Supports Android, iOS and Windows based devices
- Bluetooth Class 1 connectivity
- Equipped with 1MB memory
- Fast scan speed: 300 scans/sec
- Can scan 20,000 times on a single charge
- Two operation modes: Data Storage to save to internal memory and Data Transmission to scan directly to device.



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	0.1mm (4 mils)
Print Contrast	>= 30%
Reading Angle	Pitch +/-60° @ 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	100 X 43 X 25 mm (L*W*H)
Weight	Scanner: 66 g

Electrical Characteristics

Input Voltage	5 V/DC ± 0.5 V
Operating Current	170 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	Rechargeable Li-Ion battery pack (3.7V 800mAH)
Scans per charge	20,000 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

SAVEO-SCAN-PKT-R11D-BT

- Equipped with 1D Laser engine with "No Moving parts Inside Technology"
- Small form factor fits in your pocket
- Supports Android, iOS and Windows based devices
- Bluetooth Class 1 connectivity
- Equipped with 1MB memory
- Can scan 20,000 times on a single charge
- Two operation modes: Data Storage to save to internal memory and Data Transmission to scan directly to device.



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

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	-10°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

Electrical Characteristics

Input Voltage	5 V/DC ± 0.5 V
Operating Current	65 mA max
Radio Range	BT Class 1 (100m,line of sight)
RF Frequency	2.4GHz
Memory Capacity	1MB
Communication	BT HID Profile BT SPP Profile
Battery Type	Rechargeable Li-Ion battery pack (3.7V 800mAH)
Scans per charge	20,000 readings/fully charged
Charge Time	4 ~ 5 hours
Charging Current	500 mA Max.

Physical Characteristics

Dimension	100 X 43 X 25 mm (L*W*H)
Weight	66 g

Decode Ranges

4 mils	80 ~ 105 mm
5 mils	75 ~ 140 mm
13 mils	65 ~ 240 mm
20 mils	65 ~ 300 mm
40 mils	80 ~ 420 mm