

SAVEO SCAN RING G2

SAVEO-RNG-G2-S22D is the next generation of ultra-compact wearable smart scanner, featuring a high-performance Saveo S12D 2D scan engine, a chain-able charging and Bluetooth docking station. Hot-swappable, large capacity Li-io batteries allow for 24/7 usage scenarios. SAVEO-RNG-G2-S22D is ideally suited to warehouse picking, fulfillment & shipping, fashion & retail, field services, document ADP & compliance processes, and many other scanning applications where the operator would benefit from having both hands free for multiple tasks, such as operating a vehicle, machinery or typing and/or mobile device data entry.

FEATURE HIGHLIGHTS

- HIGH-PERFORMANCE SAVEO 2D SCAN ENGINE
- ULTRA-COMPACT DESIGN (60 X 54 X 30 mm)
- ANDROID / iOS / WIN / MAC / UNIX
- BLUETOOTH BLE, SPP & HID CONNECTIVITY MODES
- MODULAR CHARGE & BLUETOOTH DOCK (INCLUDED)
- ADJUSTABLE MOUNTING BRACKET
- FAST AUTOSENSING CAPABILITY
- HAPTIC FEEDBACK, LED AND LOUD BEEPER INDICATORS



DESCRIPTION	P/N
2D wearable barcode scanner (2D Saveo S22D scan engine), Bluetooth 4.2, Interface modes include BLE, BT HID, BT SPP. Includes Modular (chainable) Charge and Data Docking station, 2 x Li-ion Batteries and USB Type-C Cable.	SAVEO-RNG-G2-S22D

Specifications

Performance characteristics	
Scan Engine	SAVEO S22D, 2D
Aiming LED	Red color LED Aimer
Illumination Element	White color LED Illumination Assist
Accuracy	1D: ≥ 3 mil 2D: ≥ 5 mil
Scan Speed	60 frame /sec
Sensor	CMOS 1MP (1280×800 pixels)
Best resolution	1D (3mils) : Code 39 2D (5mils) : PDF417
Reading angle	Tilt $\pm 60^\circ$, Deflection $\pm 65^\circ$, Rotation 360°
Print contrast	$\geq 30\%$
Indicators	LED & Beeper
Interface	Bluetooth 4.2 (Supports BT 2.0/3.0/4.0/4.2/5/6 Devices)

Electrical characteristics	
Maximum Power	0.912W
Input voltage	5 VDC ± 0.5 V
Current @3.3VDC	Working Current : 190mA Standby Current : ≤ 5 mA
Operating Voltage	3.3 VDC $\pm 5\%$

Physical characteristics	
Dimensions	60 X 54 X 30 mm (L x W x H)
Weight	150 g +/- 5 g (No cable)

User Environment	
Operating temperature	-20C~ +50°C
Storage temperature	-40°C~ +70°C
Humidity	5% to 90% relative humidity, non-condensing
Ambient Light	0~86,000 LUX

Symbologies	
2D: PDF417, QR Code (QR1/2, Micro), Data Matrix (ECC200, ECC000, 050, 080, 100, 140), Chinese Sensible Code, 1D: Code128, UCC/EAN-128, AIM128, EAN-8, EAN-13, ISBN/ISSN, UPC-E, UPC-A, Interleaved 2 of 5, ITF-6, ITF-4, Matrix 2 of 5, Industrial 25, Standard 25, Code39, Codabar, Code 93, Code 11	

Depth of Field	
13mil 10 Byte	EAN-13 50mm- 200mm
5mil 10 Byte	Code39 40mm-90mm
20mil 16 Byte	QR Code 25mm- 240mm
10mil 20 Byte	Data Matrix 50mm-90mm
6. 67mil 7 Byte	PDF 417 30mm- 130mm