EFFICIENT SCANNING IN THE PALM OF YOUR HANDS

Blurring the line between mobile computer and barcode scanner, the SP2 brings incredible new value to the table.

Pair to any mobile device or computer in a flash with easy push-to-pair set-up. The SP2 sends your scans straight to your iOS, Android, or Windows device. Easy to carry in a pocket or on a lanyard, the SP2 is the perfect companion for your smartphone and data collection app.

Keep your phone in your pocket and store up to 10,000 barcodes right on the scanner. Export them to a spreadsheet or app at your own convenience using the USB cable or over Bluetooth.

POCKETABLE PRODUCTIVITY

With the SP2 your business will be able to read every type of barcode, even those damaged or hard-to-read. The aggressive reading technology of the SP2 easily reads all common 1D and 2D codes.

In addition to printed barcode labels, the SP2 reads digital barcodes off smart phone and tablet screens.

With the help of the 1-inch screen, the SP2 is a powerhouse that helps you keep an eye on each and every scan and even run complex software. embed a lookup table, run a barcode compare app, and much more with this tiny but powerful device.

FEATURES	INDUSTRY APPLICATIONS

• Aggressive 1D / 2D scanner
 	
• Storage for 10,000 scans
 	
• Easy Push-to-Pair
 	
• 1-inch OLED screen
 	
• Reads printed & digital barcodes
 	
• Withstands 5-foot drops to concrete
	Retail
	  • Gift Registry
	  • Inventory
	  • Proof-of-Delivery
	  • C-Store Ordering
	
	Field Service / Field Sales
	  • Merchandising
	  • Delivery
	  • Route Accounting
	  • Repair / Installation

TECHNICAL SPECIFICATIONS

SYSTEM

Display	1" OLED, 128 x 64
OS	Proprietary, Connect to host with Windows, Android, or iOS
Memory	64 Kbytes SRAM
	2 MB Flash ROM
Keys	3 Keys: Page up, Page down, Scan and Power

OPTICAL & PERFORMANCE

Sensor	CMOS sensor with 640 x 480 pixel
Light Source	White LED with CCT 5000K
Ambient Light	0–100,000 lux
Frame Rate	30 frames per second
Skew Angle	45 degrees
Pitch Angle Sensor	45 degrees
Printing Contrast Scale	minimum 35%
Depth of Field (DOF PCS=80%)	Symbology | Density | Near | Far
	Code 39, 5 mils | 6.1 cm | 13 cm
	Code 39, 20 mils | 6 cm | 38 cm
	PDF417, 6.7 mils | 6 cm | 12.5 cm
	Data Matrix, 10 mils | 6 cm | 13 cm
	QR, 20 mils | 5 cm | 23 cm
	100% UPC | 5 cm | 23 cm

REGULATORY APPROVALS

CE, FCC, BSMI, VCCI

ACCESSORIES

Wrist strap, Micro USB cable, optional 1 & 5 slot charging cradle

WARRANTY

1 year

FUNCTIONALITY

Symbologies	1D: UPC-A, UPC-E, EAN-8, EAN-13, CODE 39, CODE 128, GS1 128, 2 of 5, NEC 2 of 5, CODE 93, Codabar, GS1 DataBar Omn, GS1 DataBar Ltd, GS1DataBar Exp, CODE 11, MSI, UPC-E1, S 2 of 5 Indus, S 2 of 5 IATA, Matrix 2 of 5, China Post, Korea Post
	2D: QR Code, Data Matrix, Aztec Code, PDF417, Macro PDF417, Micro PDF417, MaxiCode, Codablock A, Codablock F, GS1Composite, Han Xin Code, Australian Post, British Post, Canadian Pos, InfoMail, Intelligent Mail Bar Code, Japanese Post, KIX (Netherlands) Post, GS1 Composite, Korea Post, Planet Code, Postal, Postnet
Operation Mode	Trigger mode, Presentation mode, Auto mode, Batch mode
Data Formatting	Wedge mode

ELECTRICAL

Operation Voltage	DC 3V to 5V
Current Consumption	Operation mode: 400 mAh, Standby mode: 160 mAh
Battery Type	Rechargeable Lithium-ion
Battery Capacity	680 mAh
Charging Time	Fully charged in 4 hours
Operating Time	5 hours at 1 scan/5 secs

ENVIRONMENTAL

ESD Protection	Functional after 8K Contact and 12K Air
Mechanical Shock	5 ft onto concrete (scanner only)
Operating Temperature	32°F to 122°F
Storage Temperature	-22°F to 158°F
Relative Humidity	95% non-condensing
IP Rating	IP42

COMMUNICATION

Radio Frequency	Bluetooth V2.1 + EDR, Class 2
Range	30 ft (line of sight)
Host Interface supported	Micro USB
Protocol	SPP, HID

MECHANICAL

Scanner Dimension	1.45 x 3.78 x 0.83 in
Scanner Weight	2.2 oz
Switch Life	10 million times