UNION NET
UnionNet.Co.,Ltd

Smartphone Bluetooth®
Barcode Scanner

Scan Ready

Uni Reader SP-2100

CE

UNIONNET

SCAN

Bluetooth® Communication with
Android / Apple / Window mobile

FIELD SALES AND SERVICES

- Working up to 24 hours a day
- OLED with 2 colors(Yellow & Blue) Screen
- Incredible Speed and Accuracy of Inventory
- Rechargeable Li-poly Battery
- 1D & 2D scan are possible
- 10 -meter range can be covered
- Easy to upgrade for firmware

With a compact size and Ulta-light weight the handy scanner puts productivity in your working places.
Bluetooth communications let you connect to any kind of Smart phones or computer for easy networking.
Connect to a PC notebook or desktop with USB cable included and Instantly update information as you scan it.
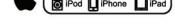Low cost and Easy to use

The world's 1st Professional
Smartphone Bluetooth®
Barcode Scanner

SP-2100

Rechargeable USB cable

Made for
iPod iPhone iPad Windows

Simple · Powerful · Portable

SP-2100 can be used as a handy terminal & Program development is also possible for us

Possible to connect to Smartphones and PC, Pad

The SP-2100 allows enterprises to integrate fast, reliable barcode data collection to their mobile workers' handset of choice and are a logical choice for the transportation, field service, retail, warehousing and healthcare industries without the cost or complexity of traditional mobile computers.

Specifications			
Model No.		Uni Reader® Bluetooth Scanner / SP-2100-1D	SP-2100-2D
CPU		ARM7 32 Bit Processor	
Button		One Scan Button / Two Navigation Buttons，Auto Paring / Auto Power-Off key Function	
Dimension		89mm(L) × 40mm(W) × 19mm(H)	89mm(L) × 43mm(W) × 19mm(H)
Indicator		1 LED : Scan State / OLED : 4 Lines / 2 Colors，RTC (Real Time Clock) Function	
Weight		Approx, 50g	Approx, 57g
Light Source		1D : 630nm Visible red LED	2D : LED (622nm ~ 628nm)
Scan Type		1D : Linear Imager	2D : Area - Imager
Scan Rate / Resolution		1D : 500 scans/sec(Typical)	752 x 480 pixels
Depth of Field	1D	0-300mm (EAN-13 100%, PCS+90%)	
	2D	PDF 417(10mil):45mm-155mm PDF 417(10mil):45mm-175mm Data Matrix (10mil):35mm-130mm, Data Matrix(10mil):50mm-150mm QR Code(10mil):35mm-125mm, QR Code(10mil):50mm-160mm	
Barcode Symbologies	1D	Code128, EAN-13, EAN-8, Code39, UPC-A, UPS-E, Codabar, Interleaved2 of 5, ISBN, Code 93, UCC/EAN-128, GS1 Datarbar, etc	
	2D	PDF 417,QR Code(Model 1/2), Datamatrix(ECC200,ECC000,050,080,100,140), Aztec,Maxicode,etc	
Interface		Bluetooth-HID, Bluetooth-SPP, USB to PC Ios 4.0 and above(iPhone, IPad, IPod)，Android 2.1 and above Windows XP, Vista, W7(32bit / 64bit) / Windows Mobile 5.0/6.1/6.5	
Coverage		Bluetooth Class 2, 10m / 3.05 feet	
Memory		SRAM : 32KB (RAM) / FLASH : 256KB (ROM) / EXTERNAL : 8MB (ROM)	
Power		Rechargeable Li-Poly Battery 950mAh(1D)	1450mAh(2D)
Charging Type		AC Adapor (100 ~ 240V, 50 / 60Hz)，DC 5V / PC - USB	
Enviroment		Temperature:-20℃~60℃ / Humidity : 5%~95%	
Durability		1.2m，Drop to steel surface, 2 drops per 6 sides (total 12 times)	
EMC Regulation		FCC, CE, KCC	
Firmware Upgrade		USB Connection / Mini-USB，Customers Satisfied Upgrade	
Accessory		Hand Strip, Necklace Strip(Option), USB Cable，AC Adaptor, Cigar Jack for Recharging(Option)	

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FCC Information to User

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

• Reorient or relocate the receiving antenna.

• Increase the separation between the equipment and receiver.

• Connect the equipment into an outlet on a circuit different from that to which the receiver is con-nected.

• Consult the dealer or an experienced radio/TV technician for help.

Caution

Modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Compliance Information : This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation

IMPORTANT NOTE:

FCC RF Radiation Exposure Statement:

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

IMPORTANT Safety Instruction:

CAUTION

To reduce the risk of electric shock, do not remove the top cover (or the rear section). No user serviceable parts inside, refer servicing to qualified personnel.

This symbol, wherever it appears, alerts you to the presence of uninsulated dangerous voltage inside the enclosure-voltage that may be sufficient to constitute a risk of sock.

This symbol, wherever it appears, alerts you to the important operating and maintenance instructions in the accompanying literature. Please read the manual.

1) Read these instructions.

2) Keep these instructions.

3) Heed all warnings.

4) Follow all instructions.

5) Do not use this equipment near water.

6) Do not using near any heat sources such as radiators, heat resisters, stove, or other equipment that produce heat.

CAUTION
RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS