



Uni Linker®

MUX Smart®

MFi Approved

Vibrator Motor

# SP2100



Smartphone Bluetooth® Barcode Scanner



## 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
- 15-meter range can be covered
- Easy to upgrade for firmware

With a compact size and ultra-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

# SP-2100 Specifications



Rechargeable USB cable



ANDROID



Windows

**Simple**  
**Powerful**  
**Portable**

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

Specifications		Details		
Model No.	SP-2100 1D (Ver.3)	SP-2100 1D Laser	SP-2100 2D (Ver.3)	
CPU	ARM7 32Bit Processor			
Button & Functions	One Scan Button, Two Navigation Buttons, Reset Button Functions : Auto Paring, Auto Power-off, Soft Key(toggling at Android & iOS), HID Batch, Vibrator motor(option)			
Dimension	89mm(L) x 43mm(W) x 19mm(H)			
Indicator	Dual LED : Scan State / OLED : 4 Lines / 2 Colors, RTC(Real Time Clock)Function			
Weight	Approx, 60g	Approx, 60g	Approx, 79g	
Light Source	1D : LED(622nm - 628nm)	650nm laser diode	2D : LED(622nm - 628nm)	
Scan Type	1D : Linear Imager (CCD)	Laser diode	2D : Area Imager	
Scan Rate / Resolution	1D : up to 300 Scans/sec (Typical)	100±10 scan/sec	752 x 480 pixels	
Depth of Field	1D	40mm-430mm;		
	Laser	5mil : 40-105mm, 10mil : 10-250mm, 20mil : 35-490mm, 30mil : 30-650mm, 55mil : 75-900mm		
Barcode Symbologies	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		
	1D	Code128, EAN-13, EAN-8, Code39, UPC-A, UPC-E, Codebar, Interleaved2 of 5, ISBN, Code 93, UCC/EAN-128, GS1 Databar, etc		
	Laser	UPC-A, UPC-E, EAN-13, EAN-8, ISBN/ISSN, Code 39, Code39 full ASCII, Code 32, Trioptic Code39, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Codabar (NW7), Code128, Code93, Code11(USB-8), MSI/Plessey, UK/Plessey, UCC/EAN128, China Post, GS1 DataBar(Formerly RSS) variants		
Interface	2D	PDF 417 QR Code(model 1/2), Datamatrix(ECC200,ECC000,050,080,100,140), Aztec, Maxicode, etc		
	Interface	MUX(Multiflex) Support, Bluetooth-HID, Bluetooth-SPP, IAP(MFi for iOS), USB to PC ios 4.0 and above(iPhone,iPad,iPod) / Optimizes at ios 5.0 Android 2.1 and above / Optimized at ICS 4.0 Windows XP, Vista, Windows7(32bit / 64bit), Windows mobile 5.0 / 6.1 / 6.5		
Coverage	Bluetooth 2.1 + EDR Class 2, 10M(Max 15M)			
Memory	SRAM : 32KB(RAM) / FLASH : 256KB(ROM) / EXTERNAL : 8MB(ROM)			
Power	Rechargeable Li-Polymer Battery 1,450mAh / Input Voltage 5V DC±10%, USB			
Charging Type	AC Adapor (100 ~ 250V, 50 / 60Hz), DC 5V, 800mAh / PC - USB			
Environment	Temperature : -20°C ~ 60°C / Humidity : 5% ~ 95%			
Durability	1.2M drop to steel surface, 2 drops per 6 sides (total 12times)			
EMC Regulation	CE, FCC, TELEC, KCC, MFi(Made for iPod), MIC(EMC)			
Firmware Upgrade	Mini-USB, Customers Satisfied Upgrade			
Accessory	Lanyard, mini USB cable, DC5V Adaptor(incl), Cigar Jack(option), Rubber case(option)			
Warranty	1 Year			