



S-02 Specification

System Configuration

Processor	ARM M332 bit 108MHz processor
System Internal Memory	RAM 128kbs
Flash	ROM 4Mb
Button	1 button for power and scan
Prompt	LED light/Buzzer/Vibration
Battery	Internal 300mAh rechargeable battery
LED Status	Power/Battery/Bluetooth/Scan Status
Charging	USB 5V

Structural parameters

Dimension	45*28*38mm
Weight	40g

Data communication

Communication	Bluetooth 4.0/ 2.4G wireless USB (optional)
Protocol	SPP/HID

Use environment

development tools	Provides SDK for SPP mode
Language	Java
Support O.S	Android/IOS/Windows
Scan mode	Standard mode/ inventory mode
Settings	Sleep,Buzzer,Vibration,Keyboard etc
Operating temperature	-10° ~ 50°C
Storage temperature	-20° ~ 70°C
Humidity	0 ~ 95% (without condensation)
Protection level	IP65

with 1D CCD barcode scanner engine (optional)

Collection method	CMOS video
Scan speed	1/60 s
Scan angle	Angle 360°, Angle of elevation ± 55°, Angle of deviation ± 55°
Resolution	5mil
Code Type	EAN, EAN-8, EAN-13, UPC-A, UPC-E, Code 39, Code 93, Code 128, Code 12 8C, UCC/EAN 128, Codabar, Interleaved 2 of 5, ITF-6, ITF-14, ISBN, ISSN, GS1 Databar, GS1 Composite Code, Matrix 2 / 5, Code 11, Industrial 25, Standard 25, Plessey, MSI-Plessey, etc

1D laser barcode scanner engine(optional)

Collection method	Visible light secondary tube, wave length 650 nanometers
Scan speed	100 lines/second
Scan angle	Angle 360°, Angle of elevation ± 55°, Angle of deviation ± 55°
Resolution	≥4mil
Code Type	UPC-A, UPC-E, UPC-E1, EAN-13, EAN-8, ISBN/ISSN, 39 yards, 39 yards (ASCII Full size), 32 yards, Trioptic Code 39, Cross 25 yards, Industry 25 yards (Discrete 2 of 5), Matrix 25 Code, Kudaba Code (NW7), 128 yards, UCC/EAN 128, ISBT128, 93 yards, 11 yards (USD-8), MSI/Plessey, UK/Plessey, China Post Code, GS1 DataBar

2D(QR code) scanner engine (optional)

Collection method	CMOS video
Scan speed	1/60 s
Scan angle	Angle 360°, Angle of elevation ± 55°, Angle of deviation ± 55°
Resolution	≥7.5mil
Code Type	QR Code, Data Matrix,PDF417,UPC-A,UPC-E,EAN-8,EAN-13,ISBN,Code 128, GS1 128,ISBT 128,Code 39,Code 11,Interleaved 2 of 5,Industrial 2 of 5, Matrix 25, Standard 25,Coba bar,MSI/MSI PLESSEY,GS1 Data Bar
optional	Supports DPM (Part Marking Code)



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