

Wireless Handheld Imager S810

Visual / audible / readable / editable
Redefinition of scanning



Innovative visual design

Stylish and novel in appearance, the sleek grip is designed to be comfortable and natural;
With 1.8-inch TFT color LCD screen, it could real-time display the scan data, barcode length, total number of scans, wireless signal strength, power information, product name, specifications and other information.

High-performance scanning

Professional 2D scanning engine with accurate and fast scanning performance, not only can accurately read the barcodes on paper and commodities package, but also has superior reading ability for various screen barcodes to meet the high-end scanning performance requirements.

Humane functions

Plug and play, connects well with PC via wireless network and suits well for cashier and screen QR code scanning payment.
The base supports 433MHz wireless communication, when leaving the work area, the scanner automatically enters the offline mode, automatically uploads data after returning, seamlessly switches between offline mode and online mode, providing perfect operation experience.

Large storage and long-distance transmission

Large storage capacity, for offline scanning, it can store 10,000 barcodes;
Ultra long distance transmission: indoor 30 meters, outdoor 80 meters

Specification

Basic Characteristics

Dimension	16.5cm x 6cm x 8.4cm
Base Dimension	10.2cm X 7.8cm X 3cm
Color	Slivery
Weight	382g(without cable)
Light Source	Aiming Pattern :Square 617nm Red LED
Illumination	6500K LEDs
Image Sensor	640*480 pixels
Minimum Print Contract	25%PCS
Skew/Pitch/Roll	Pitch: $\pm 65^\circ$ Roll: 0-360° Skew: $\pm 60^\circ$
Indicators	Beeper, LED
Scan Pattern	Manually trigger(standard), Presentation Mode(Blink)
Motion tolerance	63.5CM/S

Environmental

Operating Temperature	-20°C to 50°C(-4~122°F)
Storage Temperature	-40°C to 80°C (-40~176°F)
Humidity	5% to 95% (non-condensing)
Drop/Tumbl	Designed to withstand 50 drops on concrete from 1.2m.
Light Levels	100000Lux Max.

Safety regulations

Electrical Safety	Meet UL1950、CSA C22.2 No.950、EN60950/IEC950 EMI/RFI:FCC Part15 Class B、European Union EMC Directive、Taiwan EMC、
Environmental	Meet RoHS directive 2002/95/EEC

Wireless features

433MHz(Default)

Decode Capabilities

1D	EAN-8, EAN-13, Codabar, CODE 39, CODE 93, CODE 128, China Post, GS1-128, UPC-A, UPC-E, UCC/EAN 128, ISBN/ISSN, ISBT , Interleaved 2 of 5, Standard 2 of 5, Matrix 2 of 5, Industrial 2 of 5 , MSI, RSS, ITF14, Telepen, etc.
2D	QR Code, Micro QR Code, Data Matrix, PDF417, Micro PDF417, Maxicode, Aztec, Hanxin, etc.

Decode Range(Typical)

5mil(Code39)	1.1-6.5in.2.8-16.5cm
13mil(UPC-A)	0.5-9.7in.1.3-24.6cm
20mil(QR Code)	0.5-15.2in.1.3-38.6cm
6.8mil(PDF417)	0.9-7in.2.3-17.8cm
10mil(Datamatrix)	1.1-7.5in.2.8-19.1cm
Support Host Interfaces	RS232、USB USB-COM

Base Parameter

Voltage	Direct $5 \pm 0.25V$
Current	60mA(operating), 500mA(max in charging)
Cable	USB/1.5m
Dimension	102mm*78mm*30mm
Weight	193g
Prompt	LED lamp

Electrical parameter

Current	3.3V DC $\pm 5\%$ @280mA
Battery	1800mAh
Charging Times	less than 3 hours
Standby Times	more than 30 days
Operation Times	more than 70 hours. 1 scan/ 5 second
Electrostatic Discharge(ESD)	+/-15kV Air,+/-8kV Direct , +/-8kV Indirect.

