



Barcode Scanner

SW111

Accurate Scanning, Capture the Most Challenging Barcodes



Bluetooth
5.0



Scanner Support
1D/2D



Weight
170g



Warranty
2 years



Drop Resistance
1m



Global Shutter
1280 x 800 pixels



Warehouse



Manufacturing



Retail



Logistics



SW111

Specification

Update Date: 2020. 7. 31

Scan Engine	<ul style="list-style-type: none">1D/ 2D
Interface Versions	<ul style="list-style-type: none">USB HID, USB COM, SPP, Master
Supported Symbologies	<ul style="list-style-type: none">Barcode (1D): Codabar, Code 11, Code 128, Code 2 of 5, Code 39, Code 93 and 93i, EAN/JAN-13, EAN/JAN8, IATA code 2 of 5, Interleaved 2 of 5, Matrix 2 of 5, MSI, GS1 Databar, UPC-A, UPC E, UPC-A/EAN-13 with Extended coupon Code, Coupon GS1 Code 32 (PARAF), EAN-UCC EmulationPostal code: Australian Post, British Post, Canadian Post, China Post, Japanese Post, Korea Post, Netherlands Post, Planet Code, Postnet2D Stacked: Codablock A, Codablock F, PDF417, MicroPDF4172D Matrix : Aztec Code, Data Matrix, MaxiCode, QR Code, Chinese Sensible (Han Xin) Code
Light Source	<ul style="list-style-type: none">White LED illumination , LED red aimer
Sensor	<ul style="list-style-type: none">1280 x 800 pixels Global Shutter

PCS	<ul style="list-style-type: none">Up to 0.20 (20% minimum print contrast ratio)
Scan rate	<ul style="list-style-type: none">60 frames per second
Motion Tolerance	<ul style="list-style-type: none">600 cm/s (236 in/s) maximum400 cm/s (157 in/s) typical
Scan Angle	<ul style="list-style-type: none">Reading pitch angle : $\pm 60^\circ$Reading skew angle : $\pm 60^\circ$Reading tilt angle : 360°
Field of View	<ul style="list-style-type: none">Horizontal 48°Vertical 31°
Resolution	<ul style="list-style-type: none">2.5mils (Code 39), 5mils (Data Matrix) , 5mil (QR) ,4mils (PDF417),
Depth of Field	<ul style="list-style-type: none">Minimum Distance : 4cm / 1.57in (Code 39, PSC 0.9, 10mil)Maximum Distance : 51.7cm / 20.3in (Code 39, PSC 0.9, 10mil)Depth of field at UPC-A:<ul style="list-style-type: none">44 ~ 573mm/1.73 ~ 22.5 in(13mil)Depth of field at code 39 :<ul style="list-style-type: none">70 ~ 301 mm / 2.76 ~ 11.85 in (5 mil)40 ~ 517 mm / 1.57 ~ 20.3 in (10 mil)44 ~ 800 mm / 1.73 ~ 31.5 in (20 mil)Depth of field at code 128 :<ul style="list-style-type: none">42 ~ 650 mm / 1.65 ~ 25.6 in (15 mil)Depth of field at Data Matrix :<ul style="list-style-type: none">72 ~ 297 mm / 2.84 ~ 11.7 in (10 mil)Depth of field at PDF417 :<ul style="list-style-type: none">84 ~ 244 mm / 3.3 ~ 9.6 in (6.7 mil)At QR Code :<ul style="list-style-type: none">39 ~ 414 mm / 1.54 ~ 16.3 in (15 mil)
Power	<ul style="list-style-type: none">Voltage requirement : DC 5V \pm 5%Consumption : Under 200mA (operation) , Under 25mA (standby)

Battery	<ul style="list-style-type: none">2040mAH Lithium Battery (Customized 18500 with protection circuit)Recharging time: 4.5 hours
Dimensions and Weight	<ul style="list-style-type: none">Dimensions: 180mm* 75mm* 70 mmWeight: 170gCable length: 1.8m straight type
Wireless Communication	<ul style="list-style-type: none">Bluetooth BT 5.0 , communication range about 3-5m
User Environment	<ul style="list-style-type: none">Operating Temperature: -10~40 °C (14~40 F)Storage Temperature: -40C~60C (-40 ~-76 F)Environment Humidity: 5%-95%RHAmbient light: 0 to 100,000 lux (total darkness to bright sunlight)Drop resistance: 1 mSealing standard: IP40
Regulatory Compliance	<ul style="list-style-type: none">CE/ FCC/ VCCI/ BSMI/ NCC/ TELEC