



Barcode Scanner

SC111

Accurate Scanning, Capture the Most Challenging Barcodes



Cable Length
1.8m



Scanner Support
1D/2D



Weight
130g



Warranty
2 years



Drop Resistance
1.2m



Global Shutter
1280 x 800 pixels



Warehouse



Manufacturing



Retail



Cold Chain

SC111 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, RS-232
Supported Symbologies	<ul style="list-style-type: none">• Barcode (1D): EAN/UPC, RSS, Code 39, Code 128, UCC/EAN 128, ISBN, ISBT, Interleaved, Matrix, Industrial and Standard 2 of 5, Codabar, Code 93/93i, Code 11, MSI, Plessey, Telepen, Postal Codes• Postal code: Australian Post, British Post, Canadian Post, China Post, Japanese Post, Korea Post, Netherlands Post, Planet Code, Postnet• 2D code: Codablock A, Codablock F, PDF417, MicroPDF417, Aztec Code, Data Matrix, MaxiCode, QR Code, Chinese Sensible(Han Xin) code
Light Source	<ul style="list-style-type: none">• White LED illumination ; 650nm high-visibility red leaser (class 2 laser safety)
Sensor	<ul style="list-style-type: none">• 1280 x 800 pixels Global Shutter
PCS	<ul style="list-style-type: none">• Up to 0.30(30% minimum print contrast ratio)
Scan rate	<ul style="list-style-type: none">• 60 frames per second

Scan Angle	<ul style="list-style-type: none">• Reading pitch angle : $\pm 60^\circ$• Reading skew angle : $\pm 60^\circ$• Reading tilt angle : 360°
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Field of View	<ul style="list-style-type: none">• Horizontal 48°• Vertical 31°
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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)
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Power	<ul style="list-style-type: none">• Voltage requirement : DC 5V \pm 5%• Consumption : Under 280mA (operation), Under 60mA (standby)
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Dimensions and Weight	<ul style="list-style-type: none">• Dimensions: 182.9mm* 71.9mm* 68 mm• Weight: 130g (without cable)• Cable length: 1.8m straight type
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User Environment	<ul style="list-style-type: none">• Operating Temperature: $-30\sim 60^\circ\text{C}$ (-22 to 140°F)• Storage Temperature: $-40\sim 70^\circ\text{C}$ (-40 to 158°F)• Environment Humidity: 5%-95%RH• Ambient light: 0 to 100,000 lux• Drop resistance: 1.2m• Sealing standard: IP40
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Regulatory Compliance	<ul style="list-style-type: none">• CE/ FCC/ VCCI/ BSMI/ EMI
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