



SC511

Barcode Scanner

Lightweight and Affordable with Fast Barcode Scanning

120g

Weight

1.5m

Drop Specification

1D/2D

Scan Imager

1.5m

Cable Length

640 x 480 pixels

Image Sensor

SC511 is an affordable and fully-functional barcode scanner, specially designed for retail personnel.

It supports multiple barcode types in a robust and compact body, with plug-and-play efficiency. SC511 is not only the basic equipment in your workplace but also the most reliable assistant for you.

Capable of Reading Complex Barcodes

SC511 can quickly identify most of 1D and 2D barcodes, including barcodes on the screen of smartphones or mobile devices, and even the data matrix on small labels can be easily detected.

Designed to Boost Efficiency in Retail

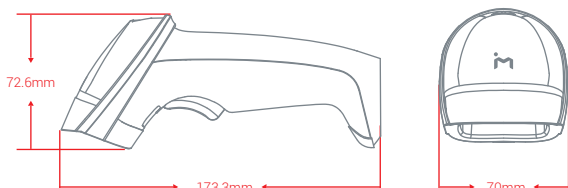
SC511 is a barcode scanner designed to boost efficiency in retail scenarios. In addition to meeting a variety of scanning requirements, it also supports a USB serial interface, a driver without installation, and plug-and-play function to quickly pair with your computers or payment devices. SC511 is especially suitable of being used in bookstores, pharmacies, clothing stores, supermarkets, convenient stores, and so on.

A Great Work Tool with Best Protection

SC511 is super light, weighing a mere 120g. It is surrounded by anti-collision soft rubber, which can effectively absorb the impact from external force and easily withstand 1.5-meter drop testing to extend its service life.

Made in Taiwan, Quality Assurance

SC511 is developed and manufactured in Taiwan, with solid techniques and assuring quality.



APPLICATIONS



Retail



Manufacturing



Warehouse

SC511

Specification

Update Date: 2023.09.19

Physical Characteristics

Dimensions	70 mm *173.3mm *72.6 mm
Weight	120g (without cable)
Color	Black
Cable Length	1.5m
Keys	1 scan key
Indicators	<ul style="list-style-type: none">Visual : 1 red LED , 1 blue LEDNon-visual : buzzer

Performance Characteristics

Light Source	Aiming red LED, warm white illumination LED
Image Sensor	640 x 480 pixels
Minimum Print Contrast (PCS)	Up to 0.25 (25% minimum print contrast ratio)
Scan Rate	Up to 60 frames per second
Trigger Mode	Manual, auto-trigger
Pitch/Skew/Tilt Tolerance	<ul style="list-style-type: none">Pitch : $\pm 65^{\circ}$Skew: $\pm 55^{\circ}$Tilt angle : 360°
Field of View	<ul style="list-style-type: none">Horizontal: 40°Vertical: 30°

Decode Capabilities

Scan Imager	1D/2D
Supported Symbologies	<ul style="list-style-type: none">Barcode (1D): All UPC/EAN/JAN, Code 39, Code 39 full ASCII, Code 32, Code 128, CODABAR, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Code 93, GS1 databar, GS1 databar limited, GS1 databar expanded2D code: PDF417, Micro PDF417, Data Matrix, QR Code, Micro QR Code, Aztec
Resolution	<ul style="list-style-type: none">4mil (Code 39), 6.7mil (PDF417)Min. resolution: 30 mm / 4 mil (Code 39)
Decode Ranges	<ul style="list-style-type: none">Focusing Distance: 30-140mm (4mil), 40-260 (13mil)Depth of field at code 39 : 30 ~ 140 mm (4mil)Depth of field at PDF417 : 30~110mm (6.7mil)Depth of field at QR Code : 40 ~90 mm (8.34mil)Depth of field at DataMatrix : 40 ~90 mm (8.34mil)

Communication Interfaces

Supported Host Interfaces	<ul style="list-style-type: none">RS232: DB9 pin (with external power supply)USB: ver. 2.0, HID/VCP, USB-A connector
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Power

Voltage Requirement	5V \pm 10% (USB), 4.5 ~ 6.5V (RS232C)
Power Consumption	120mA during reading operation, 50mA during standby time

User Environment

Operating Temp.	0~40°C
Storage Temp.	-40~70°C
Operating Humidity	10%~95% non-condensing
Storage Humidity	10%~85% non-condensing
Ambient Light Immunity	Fluorescent 10,000 lx max, Direct sun 100,000 lx, Incandescent 10,000 lx
Drop Specification	1.5m onto concrete surface

OS Support

OS Support	Windows (XP above), iOS, Android (4.0 above)
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Regulatory Compliance

Certification	CE/ BSMI
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Accessories

Accessories	<ul style="list-style-type: none">CableStand (optional)
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