symcode

MJ-4209

Handheld/Hand-free Laser Barcode Scanner

Characteristics

Rugged Construction

Anti-1.8M drop shock. Structural stability, long-term use to meet the 24 hours required.

Wide Scanning Range

Whether close to 2.5mm, or as far as 600mm, can easily scan all UPC / EAN barcode.

Efficient, Fast, Comfortable Scanning

MJ-4209 has a powerful scanning capabilities and a wider scanning range, can quickly and accurately collect data. The plug-and-play installation design makes this product installation and use is very convenient, need hardly receive any training.

Supports Multiple Interfaces

Supports RS232, USB, KBW, a variety of interfaces to ensure that your existing and future terminal equipment.

Ergonomic Design

Smooth, coordinated shape can reduce user fatigue, allowing the operator comfortable and efficiency improved significantly.
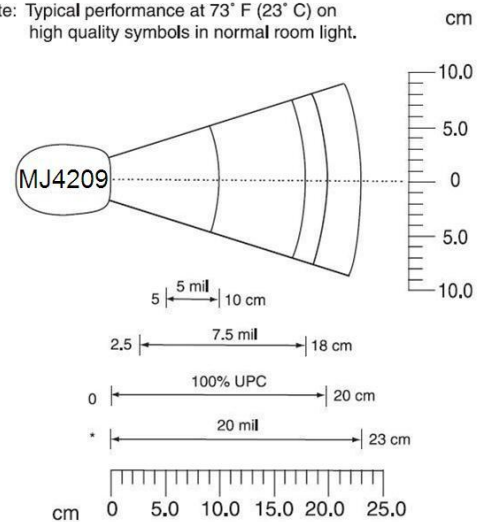
Handheld And Auto-Induction

Support Press button, Automatic continuous scan Auto-induction, three scanning mode And can switch at any time.

Simple sets

Simple set, Don't spend too much time to understand the product to use, saving you valuable time.

MJ-4209 Decode Zone

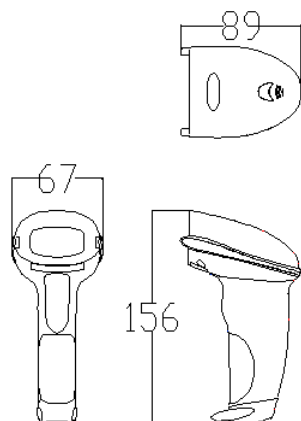Note: Typical performance at 73˚ F (23˚ C) on high quality symbols in normal room light.

Depth of field

MJ-4209 parameter list

Physical Characteristics

Dimensions : 15.6 cm* 6.7 cm* 8.9cm

Net weight : 115 g

Material : ABS+PC

Voltage : 5 V +/- 10%

Current:110mA , idle 10mA

Color: gray, black

Performance Characteristics

Scanner type: bi-directional

Light source:650nm Visible laser diode

Scanning Rate:100 scans per second

Scanning distance:2.5mm-600mm

Scanning scope:18CM

Print contrast: 25% minimum reflective difference

[1]Roll(tilt): +/- 30degrees

[2]Pitch: +/- 45 degrees

[3]Skew(yaw): +/- 60 degrees

DecodeCapability :UPC/EAN,UPC/EANwithsupplementals
Code128,UCC/EAN128,Code39Code39FullASCII,
Code128FullASCII,Codabar,Interleaved2of5,Code93,
MSI,Code11,ISBN,ISSN,china post code, etc

Bit error rate: 1/500million

Resolution:4mil(0.1mm)

Tip : buzzer and led

Scanning mode : Press button, Automatic continuous scan
Auto-induction,

Working times of button : 3 million times

Working hours of laser:10000hours

[4]Interfaces supported: RS232,keyboard wedge, USB.

Cable length:2M

User Environment

Working temperature 0℃-45℃/32℉-104℉

Storage temperature: -40^0℃-60℃/-40℉-140℉

Relative humidity:5%-95%(Non-condensing)

Anti-shock design :withstand 1.8M drops

Ambient light immunity: immune to direct exposure of
normal office and factory lighting conditions,
As well as direct exposure to sunlight.

Regulatory

Electrostatic discharge: certified to ±15KV air discharge
and ±8KV of contact discharge

EMI/RFI : FCC Part 15 Class B,European Union EMC
Directive,Taiwan EMC,CE

Laser safety: CDRH Class II,IEC Class 2

environmental protection: certified to RoHS directive
2002/95/EEC

Standard Configuration

Manual, Product Certification, Stand(optional),USB Cable

Warranty

The MJ-4209 is warranted against defects in workmanship
and materials for a period of 1 years (12 months) from date
of shipment, provided that the product remains unmodified
and is operated under normal and proper conditions. See
full warranty for details.

①. Roll (Tilt): Controlled by rotating the wrist clockwise or
counterclockwise

②. Pitch: Controlled by dropping or raising the wrist

③. Skew (Yaw): Controlled by rotating the wrist from left to
right or vice versa

④ Standard configuration-USB cable

Accessories Description

A , About Stand

Adjustable stand

Color : Black, Gary

Material: ABS+PC

Weight:189g

Adjustable angle:90 degrees

For : MJ-4209

Stand figure

Stand render

When the barcode scanner working on the Auto-induction mode or Automatic continuous scan mode. With the stand , To avoid duplication of key action.

In order to facilitate transportation, the stand delivery in the form of parts.

Stand render figure

B , About cable

Use the different interface cable, Please scan set-barcode to match the selected cable

USB Cable (Standard configuration)

RS-232cable(not including +5VDC)

Cable weight

USB   :   97g

RS-232 : 114g

KBW   : 128g

Cable signal

The laser barcode scanner interfaces terminate to a 10-pin RJ45.RS232,PS2 keyboard ,USB

Signal Table

Cable	PS2 keyboard	RS-232/TTL	USB
Pin	Function	Function	Function
1	NC	NC	NC
2	+5V	+5V	+5V
3	GND	GND	GND
4	PCCLK	RXD	D-
5	NC	NC	NC
6	NC	NC	NC
7	NC	NC	NC
8	PCDATA	RTS	D+
9	KBDATA	TXD	NC
10	KBCLK	CTS	NC