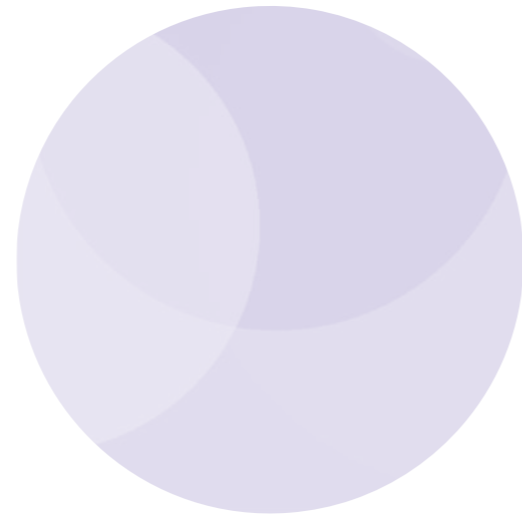


LEADING PROFESSIONAL R&D MANUFACTURERS
FOR BARCODE SCANNING PRODUCTS IN CHINA



WAVECREATING MICRO INTELLIGENT

 +86 022 66211296

 sales@wavecreating.com

Tianjin Wavecreating Micro Intelligent Technology Co., Ltd.

Tianjin Wavecreating Micro Intelligent Limited Company is one of the leading professional R&D manufacturers for barcode scanning products in China. It is located in Tianjin Economic and Technological Development Area and has a registered capital of 10 million yuan.

With customized chips, image algorithms and professional customized services as the core, The company continuously insist on defining products from the chip, taking customized chips, image recognition algorithms and customized services as our core competency.

The company has more than 60 employees, including 36 R&D staff, 97% of whom have a bachelor's degree or above, 9 masters, and 2 doctors. Currently, it has obtained 7 invention patents, 4 utility model patents and 10 appearance patents.



WAVECREATING MICRO INTELLIGENT



The company has passed ISO9001 and ISO14001 certifications, all of the products can meet RoSH, REACH, CE, and FCC certification requirements.

It has a perfect customer response mechanism in 24 hours to provide you with first-class after-sales service.

The company's main products: wired and wireless barcode scanner, omni-directional barcode scanner, desktop barcode scanner, access control products, wearable barcode scanning products, COVID-19 special product, scanner engine, algorithm licenses, etc.

CONTENTS

SE-SERIES ----- 4-6

EM-SERIES ----- 7-8

SD-SERIES ----- 9-15

SH-SERIES ----- 16-17

S-SERIES ----- 18

AC-SERIES ----- 19-20



SE-SERIES

BARCODE SCANNER ENGINE

CONNECTIVITY

MAIN FEATURES



SE4130

21.7 X 7.2 X 9 MM

TTL-232 / USB

FRAME RATE:30 FPS
SENSOR:640*480
BARCODE TYPE:STANDARD 1D/2D BARCODE
APPLICATIONS:PDA,FINGER SCANNER



SE4131

21.7 X 7.2 X 9 MM

TTL-232 / USB

FRAME RATE:30 FPS
SENSOR:640*480
BARCODE TYPE:STANDARD 1D/2D BARCODE
APPLICATIONS:PDA,FINGER SCANNER



SE4230

22 X 13.2 X 8 MM

TTL-232 / USB

FRAME RATE:30 FPS
SENSOR:640*480
BARCODE TYPE:STANDARD 1D/2D BARCODE
APPLICATIONS:PDA,FINGER SCANNER



SE4231

22 X 13.2 X 8 MM

TTL-232 / USB

FRAME RATE:30 FPS
SENSOR:640*480
BARCODE TYPE:STANDARD 1D/2D BARCODE
APPLICATIONS:PDA,FINGER SCANNER



SE4630

26.15 X 12.09 X 13.85 MM

TTL-232 / USB

FRAME RATE:30 FPS
SENSOR:640*480
BARCODE TYPE:STANDARD 1D/2D BARCODE
APPLICATIONS:WIRED/WIRELESS HANDHELD BARCODE SCANNER



SE4631

26.15 X 12.09 X 13.85 MM

TTL-232 / USB

FRAME RATE:30 FPS
SENSOR:640*480
BARCODE TYPE:STANDARD 1D/2D BARCODE
APPLICATIONS:WIRED/WIRELESS HANDHELD BARCODE SCANNER

SE-SERIES

BARCODE SCANNER ENGINE

CONNECTIVITY

MAIN FEATURES



SE4765

22 X13.2 X 8 MM

TTL-232 / USB

FRAME RATE:120 FPS
SENSOR:1080*600
BARCODE TYPE:STANDARD 1D/2D BARCODE
AIMER:CROSS LASER
APPLICATIONS:PDA,FINGER SCANNER
EXCELLENT PERFORMANCE IN BRIGHT LIGHT AND BACKLIGHT
HIGH-PERFORMANCE ENGINE



SE4760

22 X13.2 X 8 MM

TTL-232 / USB

FRAME RATE:60 FPS
SENSOR:1200*500
BARCODE TYPE:STANDARD 1D/2D BARCODE
AIMER:RED LED
APPLICATIONS:PDA,FINGER SCANNER
EXCELLENT PERFORMANCE IN BRIGHT LIGHT AND BACKLIGHT
HIGH-PERFORMANCE ENGINE



SE4735

22 X13.2 X 8 MM

TTL-232 / USB

FRAME RATE: 120 FPS
SENSOR:640*480
BARCODE TYPE:STANDARD 1D/2D BARCODE
AIMER: CROSS LASER
APPLICATIONS:PDA,FINGER SCANNER
EXCELLENT PERFORMANCE IN BRIGHT LIGHT AND BACKLIGHT
HIGH-PERFORMANCE ENGINE

SE-SERIES

1D/2D BARCODE SCANNER ENGINE



SE4435

26 X22 X12 MM

CONNECTIVITY

TTL-232 /VCP
/USB HID_KEYBOARD
/ USB-HID_POS

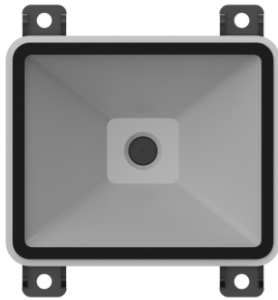
MAIN FEATURES

FRAME RATE:120FPS
SENSOR:640*480
BARCODE TYPE:STANDARD 1D/2D BARCODE
APPLICATION:WIRED/WIRELESS HANDHELD BARCODE
SCANNER
HIGH PERFORMANCE ENGINE



EM-SERIES

EMBEDDED BARCODE SCANNER MODULE



EM1630

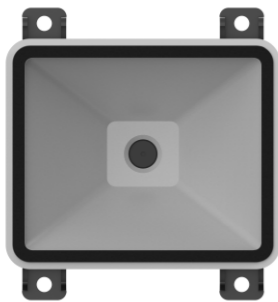
65 X61.5 X37 MM
FOV:80°

CONNECTIVITY

HID-KBW/
HID-POS/
USB-VSP/
TTL232

MAIN FEATURES

FRAME RATE:30FPS
SENSOR:640*480
BARCODE TYPE:STANDARD 1D/2D BARCODE
MOTION TOLERANCE:≥50CM/S
APPLICATION:SUBWAY STATION



EM1635

65 X61.5 X32 MM
FOV:88°

HID-KBW/
HID-POS/
USB-VSP/
TTL232

FRAME RATE: 120FPS
SENSOR:640*480
BARCODE TYPE:STANDARD 1D/2D BARCODE
MOTION TOLERANCE:≥ 50CM/S
APPLICATION:SUBWAY STATION
HIGH PERFORMANCE ENGINE

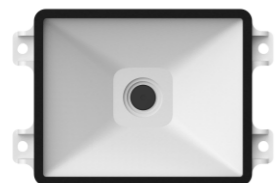


EM1730

53.5 X36 X 16 MM
FOV:90°

HID-KBW/
HID-POS/
USB-VSP/
TTL232

FRAME RATE:30FPS
SENSOR:640*480
BARCODE TYPE:STANDARD 1D/2D BARCODE
MOTION TOLERANCE:≥ 80CM/S
APPLICATION:PAYMENT TERMINAL
ULTRA-THIN DESIGN WIDE FIELD OF VIEW



EM1731

53.5 X36 X 16 MM
FOV:90°

HID-KBW/
HID-POS/
USB-VSP/
TTL232

FRAME RATE:30FPS
SENSOR:640*480
BARCODE TYPE:STANDARD 1D/2D BARCODE
NFC:IC CARDS , TYPE A/B, M1 CARD
MOTION TOLERANCE:≥ 80CM/S
APPLICATION:PAYMENT TERMINAL

EM-SERIES

ELEVATOR CONTROL MOUDLE



EM1830

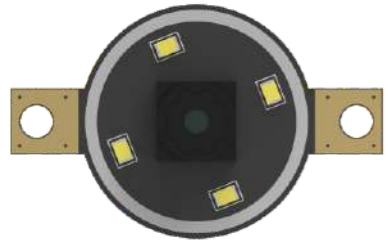
FOV:85°

CONNECTIVITY

TTL-UART

MAIN FEATURES

FRAME RATE:30FPS
SENSOR:640*480
BARCODE TYPE:STANDARD 1D/2D BARCODE
APPLICATION:ELEVATOR CONTROL



EM1831

FOV:85°

TTL-UART

FRAME RATE:30FPS
SENSOR:640*480
BARCODE TYPE:STANDARD 1D/2D BARCODE
APPLICATION:ELEVATOR CONTROL

EM-SERIES

BARCODE SCANNER MODULE



EM1931

17 X17 MM

FOV:60°

CONNECTIVITY

MAIN FEATURES

FRAME RATE:30FPS
SENSOR:640*480
BARCODE TYPE:STANDARD 1D/2D BARCODE
FLEXIBLE STRUCTURAL DESIGN



SD-SERIES

WIRED DESKTOP
BARCODE SCANNER



SD5930

103 X111 X109 MM



SD5932

103 X111 X109 MM



SD5933

103 X111 X109 MM

CONNECTIVITY

MAIN FEATURES

USB

FRAME RATE:30FPS
SENSOR:640*480
BARCODE TYPE:STANDARD 1D/2D BARCODE
HUMAN VOICE BROADCAST
MOTION TOLERANCE:50CM/S
APPLICATION:PHONE PAYMENT

USB

FRAME RATE:30 FPS
SENSOR:640*480
BARCODE TYPE:STANDARD 1D/2D BARCODE
100CM/S MOTION TOLERANCE
APPLICATION:PHONE PAYMENT
HUMAN VOICE BROADCAST

USB

FRAME RATE:30 FPS
SENSOR:640*480
BARCODE TYPE:STANDARD 1D/2D BARCODE
NFC:IC CARDS , TYPE A/B, M1 CARD
MOTION TOLERANCE:50CM/S
APPLICATION:PHONE PAYMENT
HUMAN VOICE BROADCAST

SD-SERIES

1D 2D NFC DESKTOP BARCODE SCANNER



SD5931

103 X111 X109 MM

CONNECTIVITY

USB

MAIN FEATURES

FRAME RATE:30 FPS
SENSOR:640*480
BARCODE TYPE:STANDARD 1D/2D BARCODE
NFC:IC CARDS , TYPE A/B, M1 CARD
MOTION TOLERANCE:50CM/S
APPLICATION:PHONE PAYMENT
HUMAN VOICE BROADCAST

SD-SERIES

4G WIRED BARCODE SCANNER



SD5935

103 X111 X109 MM

CONNECTIVITY

USB

MAIN FEATURES

FRAME RATE:30 FPS
SENSOR:640*480
BARCODE TYPE:STANDARD 1D/2D BARCODE
MOTION TOLERANCE:50CM/S
RED, GREEN AND BLUE THREE COLOR INDICATOR LIGHTS
HUMAN VOICE BROADCAST
4G ONLINE GREEN PASS

SD-SERIES

WIFI WIRED BARCODE SCANNER



SD5936

103 X111 X109 MM

CONNECTIVITY

USB

MAIN FEATURES

FRAME RATE:30 FPS
SENSOR:640*480
BARCODE TYPE:STANDARD 1D/2D BARCODE
MOTION TOLERANCE:50CM/S
RED, GREEN AND BLUE THREE COLOR INDICATOR LIGHTS
HUMAN VOICE BROADCAST
WIFI ONLINE GREEN PASS



SD-SERIES

WIRED DESKTOP
BARCODE SCANNER



SD5638

156.6 X88 X96 MM



SD5637

156.6 X88 X96 MM

CONNECTIVITY

USB

USB

MAIN FEATURES

FRAME RATE:120 FPS
 SENSOR:640*480
 BARCODE TYPE:STANDARD 1D/2D BARCODE
 MOTION TOLERANCE :4M/S
 OPTIONAL:TOUCH KEY
 OMNI DIRECTION SCANNING

FRAME RATE:120 FPS
 SENSOR:640*480
 BARCODE TYPE:STANDARD 1D/2D BARCODE
 MOTION TOLERANCE :4M/S
 OPTIONAL:TOUCH KEY
 OMNI DIRECTION SCANNING
 360°LIGHTING EFFECT

SD-SERIES

WIRED EMBEDDED BARCODE SCANNER

CONNECTIVITY

MAIN FEATURES



SD5737

166 X143 X76 MM



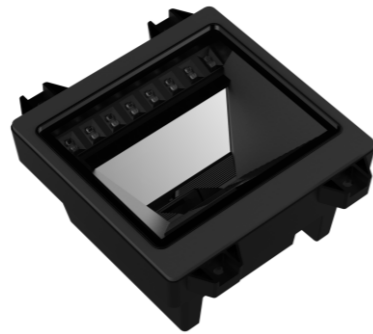
USB

FRAME RATE:120 FPS
SENSOR:640*480
BARCODE TYPE:STANDARD 1D/2D BARCODE
MOTION TOLERANCE :3.5M/S
MINIMUM SIZE:4MIL
APPLICATION:SELF-SERVICE CHECKOUT SCENARIOS



SD5837

166 X143 X76 MM



USB

FRAME RATE:120 FPS
SENSOR:640*480
BARCODE TYPE:STANDARD 1D/2D BARCODE
MOTION TOLERANCE :3.5M/S
MINIMUM SIZE:4MIL
APPLICATION:SELF-SERVICE CHECKOUT SCENARIOS



SD5717

166X143 X76 MM



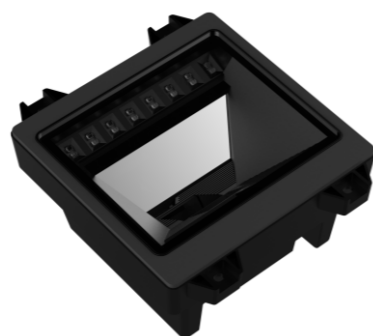
USB

FRAME RATE:120 FPS
SENSOR: 1280*800
BARCODE TYPE:STANDARD 1D/2D BARCODE
MOTION TOLERANCE : 4M/S
MINIMUM SIZE:4MIL
APPLICATION:SELF-SERVICE CHECKOUT SCENARIOS



SD5817

166 X143 X76 MM



USB

FRAME RATE:100 FPS
SENSOR: 1280*800
BARCODE TYPE:STANDARD 1D/2D BARCODE
MOTION TOLERANCE : 4M/S
MINIMUM SIZE:3MIL
APPLICATION:SELF-SERVICE CHECKOUT SCENARIOS



SD-SERIES

1D WIRED HANDHELD
BARCODE SCANNER



SD5120

138X63 X88 MM

CONNECTIVITY

USB-HID
BLUETOOTH 2.4G

MAIN FEATURES

FRAME RATE:120 FPS
SENSOR:1600
BARCODE TYPE:STANDARD 1D BARCODE
SWITH MODE:USED WITH STAND AUTOMATICALLY
SWITH BETWEEN MANUAL AND INDUCTION MODE
FEEDBACK:BUZZER/VIRATION
INDICATOR LIGHT CAN BE CUSTOMIZED

SD-SERIES

WIRED HANDHELD BARCODE SCANNER



SD5130

138 X63 X88 MM

CONNECTIVITY

USB

MAIN FEATURES

FRAME RATE:30 FPS
SENSOR:640*480
BARCODE TYPE:STANDARD 1D/2D BARCODE
FEEDBACK:BUZZER/VIRATION
INDICATOR LIGHT CAN BE CUSTOMIZED
SWITH MODE:USED WITH STAND AUTOMATICALLY
SWITH BETWEEN MANUAL AND INDUCTION MODE



SD5135

138 X63 X88 MM

USB WIRED

FRAME RATE:120 FPS
SENSOR:640*480
BARCODE TYPE:STANDARD 1D/2D BARCODE
FEEDBACK:BUZZER/VIRATION
INDICATOR LIGHT CAN BE CUSTOMIZED
SWITH MODE:USED WITH STAND AUTOMATICALLY
SWITH BETWEEN MANUAL AND INDUCTION MODE



SD5165

138 X63 X88 MM

USB-HID
BLUETOOTH 2.4G

FRAME RATE:120 FPS
SENSOR:1080*600
BARCODE TYPE:STANDARD 1D/2D BARCODE
FEEDBACK:BUZZER/VIRATION
INDICATOR LIGHT CAN BE CUSTOMIZED
AIMER:CROSS LASER AIMER
SWITH MODE:USED WITH STAND AUTOMATICALLY
SWITH BETWEEN MANUAL AND INDUCTION MODE



SD5160

138X63 X88 MM

USB-HID
BLUETOOTH 2.4G

FRAME RATE:60 FPS
SENSOR:1200*500
BARCODE TYPE:STANDARD 1D/2D BARCODE
SWITH MODE:USED WITH STAND AUTOMATICALLY
SWITH BETWEEN MANUAL AND INDUCTION MODE
FEEDBACK:BUZZER/VIRATION
INDICATOR LIGHT CAN BE CUSTOMIZED

SD-SERIES

WIRED HANDHELD BARCODE SCANNER

CONNECTIVITY

MAIN FEATURES



SD5230

148 X67 X95 MM

TTL-232 / USB

FRAME RATE:30 FPS
SENSOR:640*480
BARCODE TYPE:STANDARD 1D 2D BARCODE
MINIMUM SIZE:4MIL



SD5330

152 X65 X96 MM

TTL-232 / USB

FRAME RATE:30 FPS
SENSOR:640*480
BARCODE TYPE:STANDARD 1D 2D BARCODE
MINIMUM SIZE:4MIL



SH-SERIES

WIRELESS HANDHELD
BARCODE SCANNER



SH9130

138 X63X88 MM

CONNECTIVITY

USB-HID
BLUETOOTH
2.4G

MAIN FEATURES

FRAME RATE:30 FPS
SENSOR:640*480
BARCODE TYPE:STANDARD 1D 2D BARCODE
TRANSMISSION DISTANCE:2.4G--100M
BLUETOOTH--50M
CHARGING TIME:5 HOURS
USAGE TIME:12 HOURS



SH9135

138 X63 X88 MM

USB-HID
BLUETOOTH
2.4G

FRAME RATE: 100FPS
SENSOR:640*480
BARCODE TYPE:STANDARD 1D/2D BARCODE
HIGH MOTION TOLERANCE
LONG READING DEPTH OF FIELD
TRANSMISSION DISTANCE:2.4G--100M
BLUETOOTH--50M
CHARGING TIME:5 HOURS
USAGE TIME:12 HOURS



SH9165

138 X63 X88 MM

USB-HID
BLUETOOTH
2.4G

FRAME RATE:120FPS
SENSOR:1080*480
BARCODE TYPE:STANDARD 1D/2D BARCODE
CROSS LASER AIMER
MOTION TOLERANCE UPTO 2.5M/S
FAST DECODING SPEED
TRANSMISSION DISTANCE: 2.4G--100M
BLUETOOTH--50M
CHARGING TIME: 5 HOURS
USAGE TIME: 12 HOURS



SH9160

138 X63 X88 MM

USB-HID
BLUETOOTH
2.4G

FRAME RATE:100FPS
SENSOR:1080*480
BARCODE TYPE:STANDARD 1D/2D BARCODE
LONG READING DEPTH OF FIELD
TRANSMISSION DISTANCE: 2.4G--100M
BLUETOOTH--50M
CHARGING TIME: 5 HOURS
USAGE TIME: 12 HOURS



SH9120

138 X63X88 MM

USB-HID
BLUETOOTH
2.4G

FRAME RATE:100FPS
SENSOR:1600
BARCODE TYPE:STANDARD 1D BARCODE
RED LIGHTING EASY TO READ BARCODE ON
SCREEN
TRANSMISSION DISTANCE:2.4G--100M
BLUETOOTH--50M
CHARGING TIME:5 HOURS
USAGE TIME:12 HOURS



S-SERIES

BARCODE GREEN PASS SCANNER



S200

138 X63 X88 MM

CONNECTIVITY

4G CAT1

MAIN FEATURES

FRAME RATE:30 FPS
 SENSOR:640*480
 BARCODE TYPE:STANDARD 1D 2D BARCODE
 TRANSMISSION DISTANCE:2.4G--100M
 BLUETOOTH--50M
 CHARGING TIME:5 HOURS
 USAGE TIME:12 HOURS

AC-SERIES

ACCESS CONTROL



AC-SERIES

ACCESS CONTROL

CONNECTIVITY

MAIN FEATURES



AC8030/1
86 X86 X38 MM

WIEGAND
RS232
RS485
USB/ETHERNET

FRAME RATE:30FPS
SENSOR:640*480
BARCODE TYPE:STANDARD 1D/2D BARCODE
LARGE WIDE SCANNING ANGLE
EMBEDDED 86-TYPE,EASY TO INSTALL
NFC:IC CARDS , TYPE A/B, M1 CARD



AC8630/1
86 X103 X 20 MM

WIEGAND
RS232
RS485
USB/ETHERNET

FRAME RATE:30FPS
SENSOR:640*480
BARCODE TYPE:STANDARD 1D/2D BARCODE
WALL-MOUNTED SLIM DESIGN,EASY TO INSTALL
UNIFORM LIGHTING, COMFORTABLE VISUAL
EXPERIENCE
NFC:IC CARDS , TYPE A/B, M1 CARD



AC8632/3
86 X103 X 20 MM

WIEGAND
RS232
RS485
USB/ETHERNET

FRAME RATE:30FPS
SENSOR:640*480
BARCODE TYPE:STANDARD 1D/2D BARCODE
SUPPORT TOUCH KEY
FLEXIBLE, OPTIONAL RELAY, SUPPORT ALARM INPUT,
DOOR OPEN INPUT SIGNAL
NFC:IC CARDS , TYPE A/B, M1 CARD