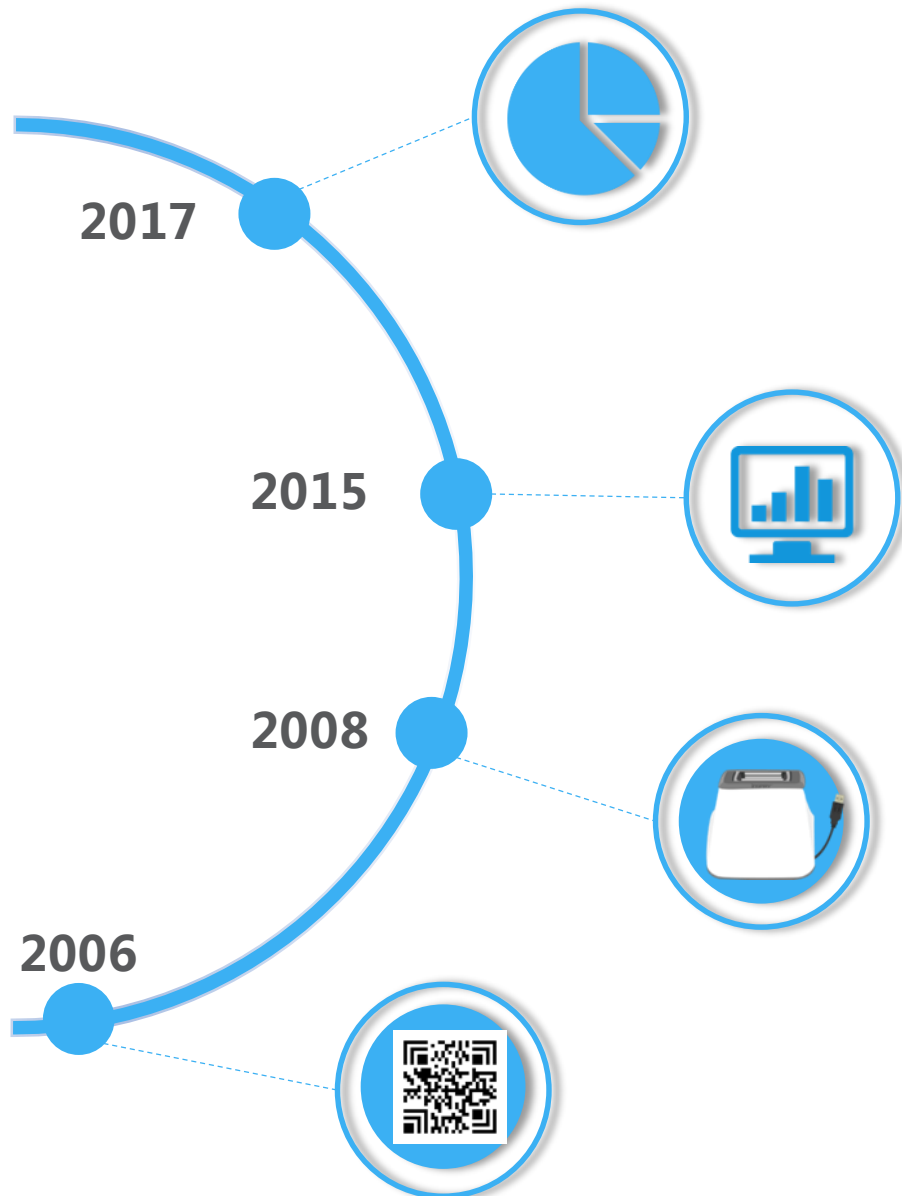


# Smart Box Series QR-Code Payment Terminals



## Milestones



2017



**Inspiry held 60% of Market share** in self service 2D-code scanning terminal industry through in collaboration with UnionPay, AliPay, and Meituan

2015



**Launched INSPOS**, our client software offering offline self-service mobile payment

2008



**Launched the first 2D-code scanning device in China**, widely used in O2O scenarios

2006



**Inspiry set China' s 2D-code standard— Hanxin Code**

# Honors&Patents

200+  
Patents



100+  
Honors&Awards



Barcode/QR-code Scanner

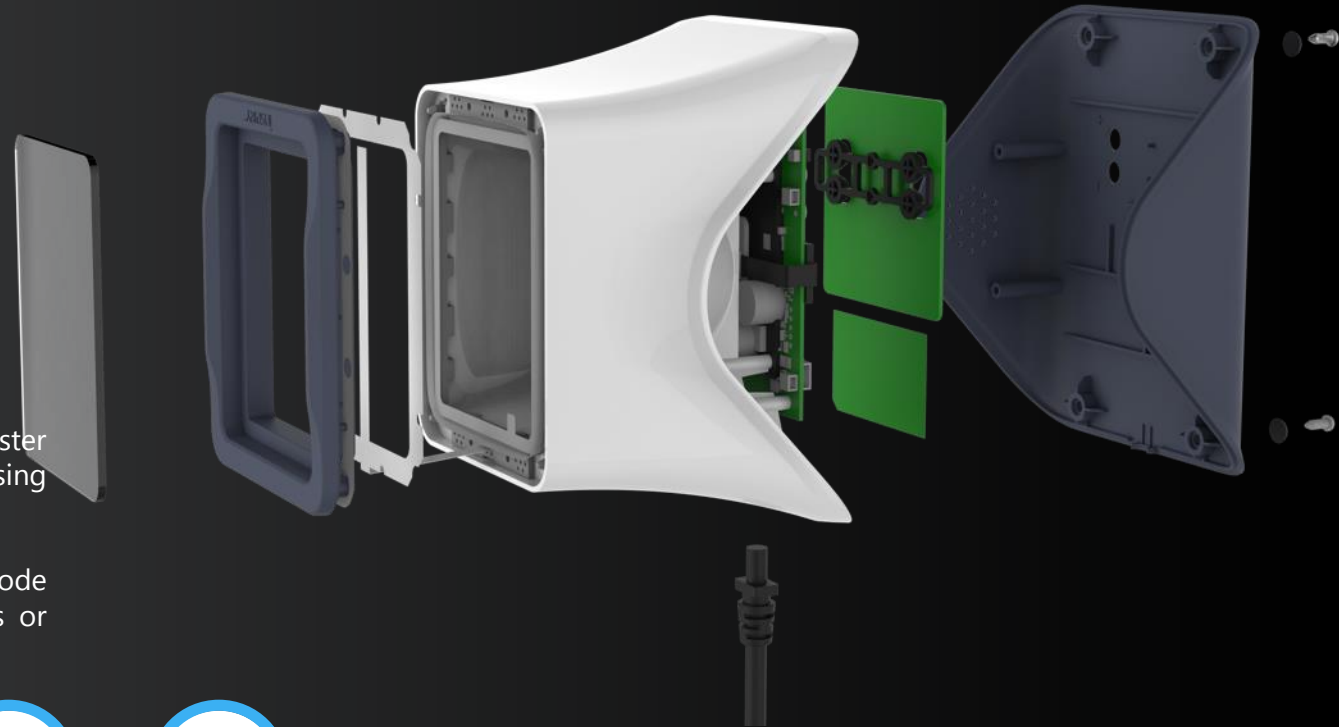
# SMART BOX C

PPC 7100



The full compatibility with most of POS terminals and cash register software, enables the upgrade of old version POS terminals, increasing the convenience and efficiency of payment.

Smart Box C provides multiple payment options--not only QR-code scanning, but also contactless payment. It accepts NFC bank cards or mobile smart devices to payment.



QR-code scanning



NFC (Optional)



360° Reading



USB



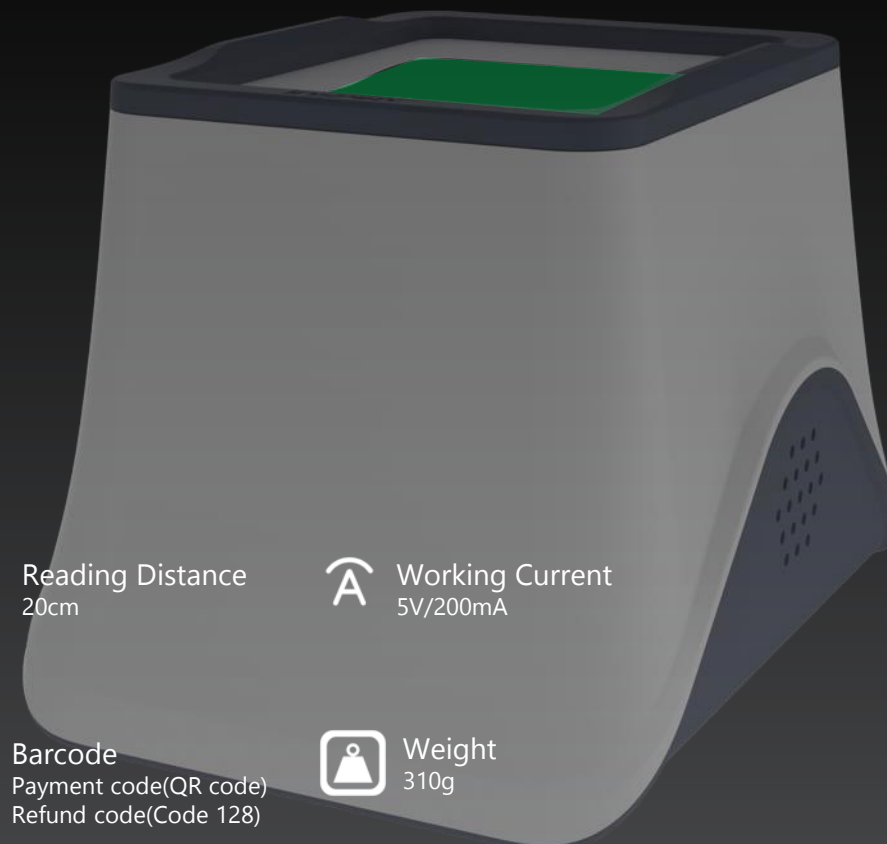
Reading Distance



Speaker

# SMART BOX C

## Technical Specifications



OS  
Windows  
Android  
iOS, Mac  
Linux



Reading Window  
74mm×57mm



Prompting Mode  
Voice  
Color Lights



Reading Distance  
20cm



Working Current  
5V/200mA



Reading Direction  
Horizontal 360°  
Diagonal ±60°  
Vertical ±60°



Resolution  
640×480px



Interfaces  
USB



Barcode  
Payment code(QR code)  
Refund code(Code 128)



Weight  
310g



Operating environment  
Working temperature: -20-60°C  
Storage temperature: -30-70°C  
Relative humidity 5% to 95%



Product Dimension  
135mm×107mm × 102mm



New POS System with QR code payment

Upgraded POS System with Smart Box C

100%



**COST**



10%

5 Mins+



**Deployment Time**



5~60secs

Handheld POS terminal



High Frequency Payment



Restaurant



Canteen



Convenience Store



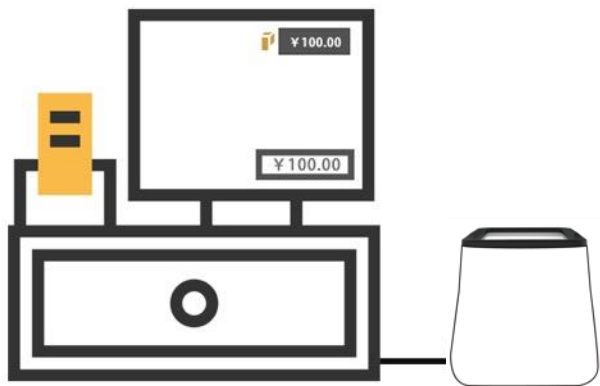
Market



Clothing Shops



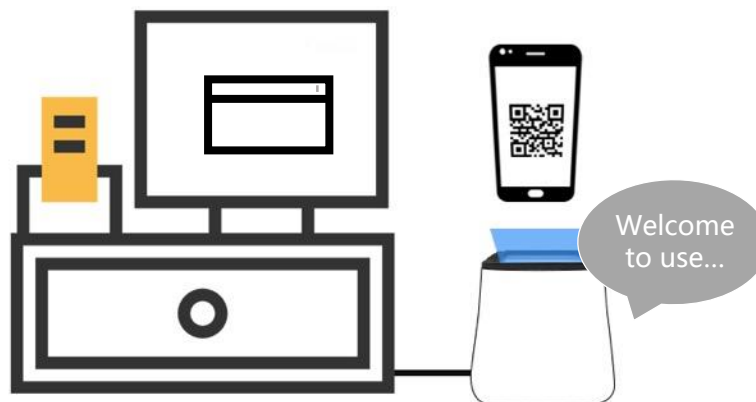
Hospital



Step 1: Deploy

Option 1: Upgrade your PC/Tablets

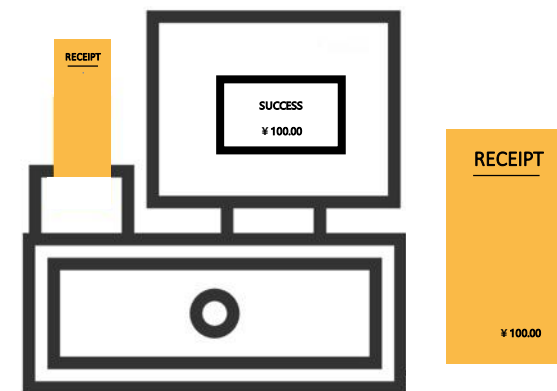
- Install the InsPos Client software on PC or tablet
  - Enter the amount or get the amount by OCR
- Option 2: Upgrade your handheld POS terminal to support QR-code payment
- Enter the amount



Step 2: Scan the Payment Code

Option 1: Acquire the amount by OCR

- Scan the payment code of consumers
  - There will be voice "Welcome to use..."
- Option 2: Enter the amount
- Scan the payment code of consumers



Step 3: Payment Result

If payment succeed, the receipt will be print out;  
Or the window will return "payment failed".  
You could also refund the transaction or check the detail in the client software.



Standalone QR-code Payment Terminal

# SMART BOX E

PPS7100



The one-stop deployment of Alipay, UnionPay and other E-wallets and the plug-and-work feature save merchants the trouble of change the original POS system. Multiple development interfaces are provided for secondary development, and APIs are provided for solution support.



QR-code  
scanning



WIFI



360°  
Reading



USB



Reading  
Distance



Speaker





# SMART BOX E

## Technical Specifications




 WiFi  
WiFi 802.11 b/g/n

 Reading Window  
74mm×57mm

 Prompting Mode  
Voice  
Color Lights


 Reading Distance  
20cm

 Working Current  
5V/200mA


 Reading Direction  
Horizontal 360°  
Diagonal ±60°  
Vertical ±60°

 Resolution  
640×480px

 Interfaces  
USB

 Barcode  
Payment code(QR code)  
Refund code(Code 128)

 Product Dimension  
135mm×107mm × 102mm

 Operating environment  
Working temperature: -20-60°C  
Storage temperature: -30-70°C  
Relative humidity 5% to 95%



# SMART BOX E

## Payment Scenarios

Where there Wi-Fi connection and power supply, there is Smart Box E to accept QR-code payment.

We also provide Device Management Platform and Service Provider Platform to manage the devices.

New POS System with QR code payment

Smart Box E

100%

COST

30%

5 Mins+

Deployment Time

5~60secs

1 Min+

Payment Time

5~20secs



Restaurant



Canteen



Convenience Store



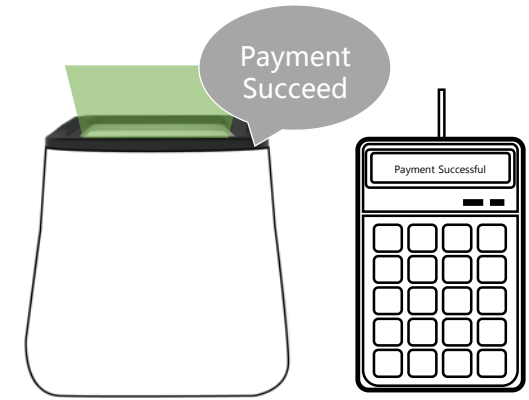
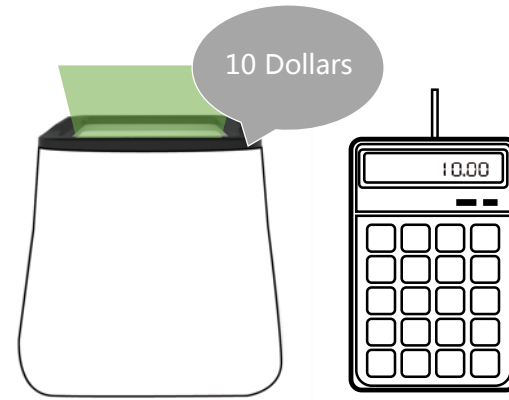
Market



Clothing Shops



Hospital



### Step 1: Deploy and configure the WiFi connection

Visit <http://dm.2dupay.com/wifi-config/language/wifiConfig.html> or scan the QR code to enter the configuration page



Get the Config Code by following the guidance on the page and scan it over the reading window

### Step 2: Enter the amount and scan the Payment Code

Enter the amount and press "Enter" , the box will say the corresponding amount  
Scan the payment code of consumers

### Step 3: Payment Result

If payment succeed, the box will say "Payment succeed", or it will say "Payment failed"  
The screen of the keypad will show the same result.



Standalone QR-code Payment Terminal

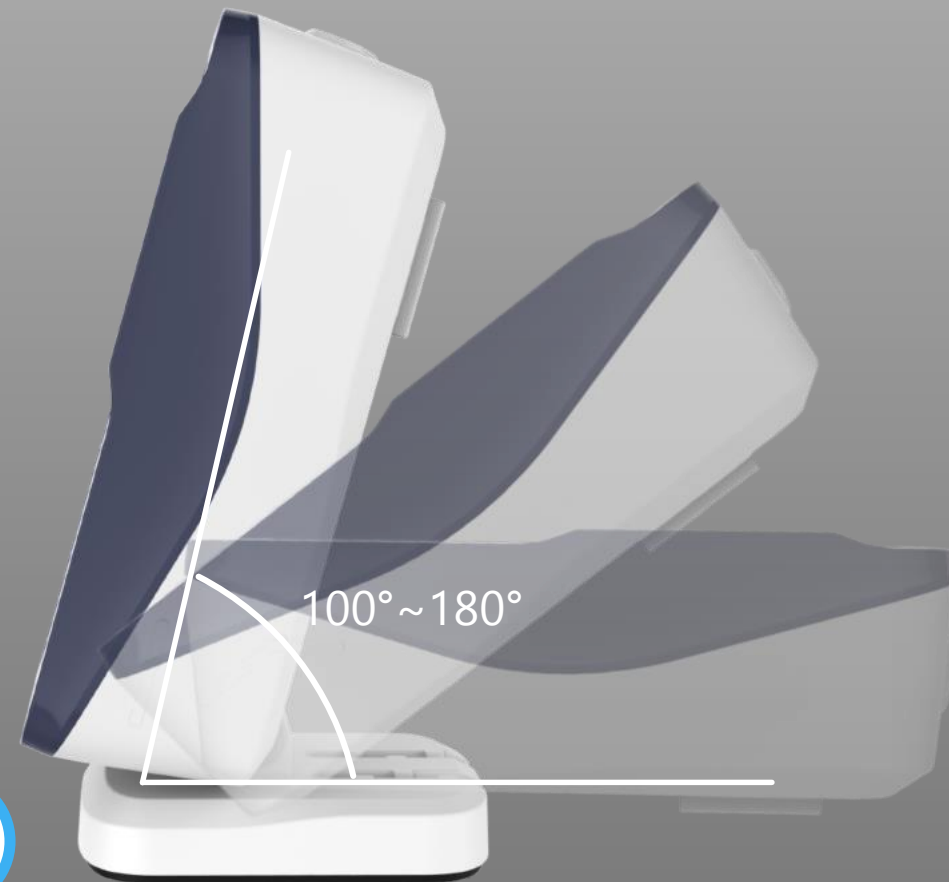
# SMART BOX V

PPS6210



Merchants can adjust the scanning distance and angle, adapting to different cashier spaces. High-resolution LCD color screen for customers, showing payment amount and status with clear interactions.

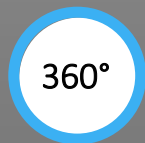
It can show customized advertisement on the LCD screen. The POSM can be also plugged on the back.



QR-code scanning



WIFI



360° Reading



USB



20CM Reading Distance

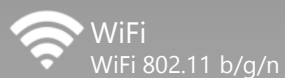


Speaker

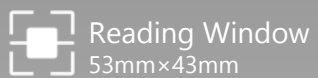


# SMART BOX V

## Technical Specifications



WiFi  
WiFi 802.11 b/g/n



Reading Window  
53mm×43mm



Prompting Mode  
Voice  
Color Lights



Reading Distance  
20cm



Working Current  
5V/450mA



Reading Direction  
Horizontal 360°  
Diagonal ±60°  
Vertical ±60°



Resolution  
640×480px



Interfaces  
USB



Barcode  
Payment code(QR code)  
Refund code(Code 128)



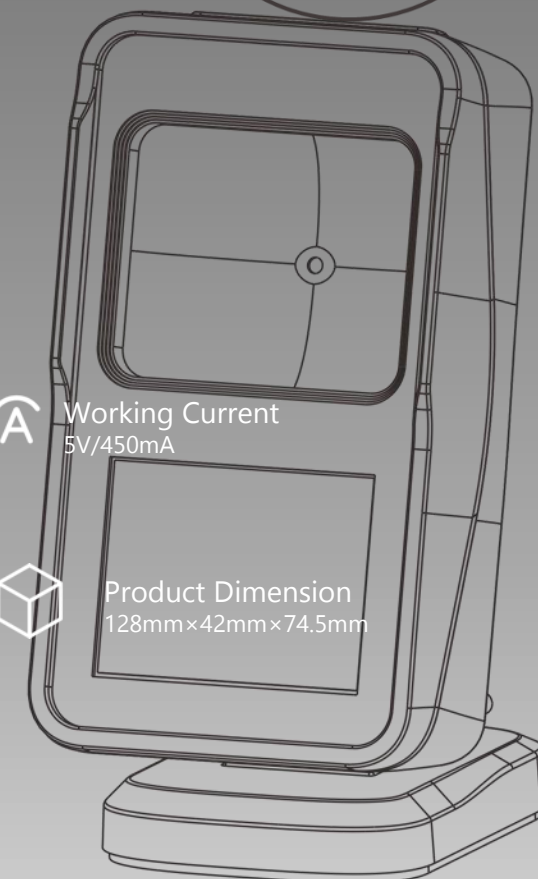
Product Dimension  
128mm×42mm×74.5mm



Operating environment  
Working temperature: -20-60°C  
Storage temperature: -30-70°C  
Relative humidity 5% to 95%



POP

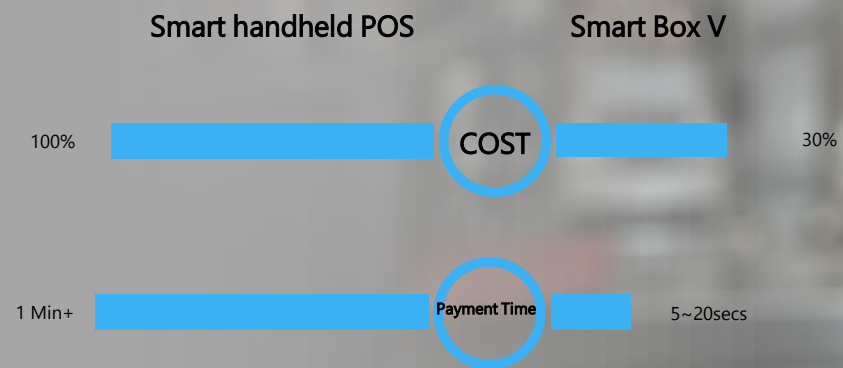


# SMART BOX V

## Payment Scenarios

The standalone terminal could flexibly adapt to different cashier spaces and customized offline marketing advertisement at will.

We also provide Device Management Platform and Service Provider Platform to manage the devices.



Restaurant



Canteen



Convenience Store



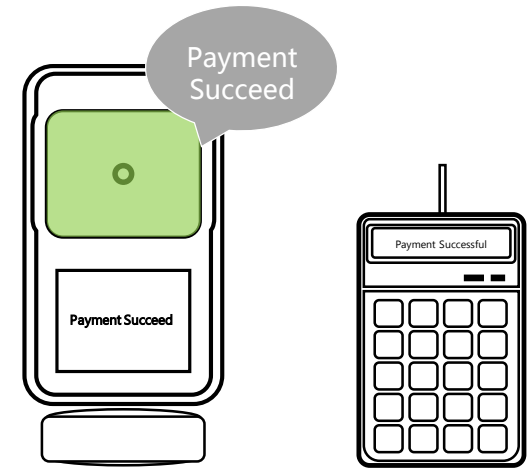
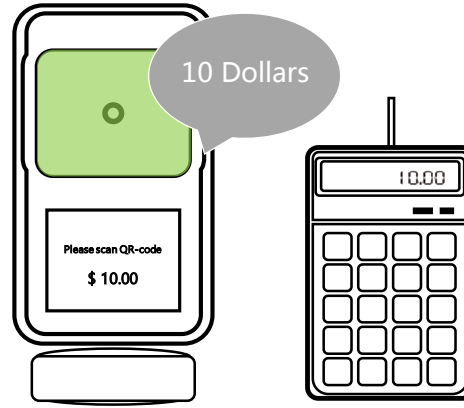
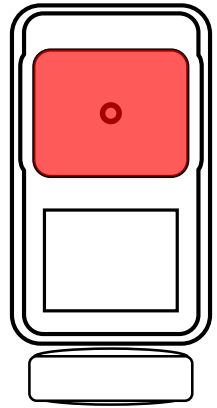
Market



Clothing Shops



Hospital



### Step 1: Deploy and configure the WiFi connection

Visit <http://dm.2dupay.com/wifi-config/language/wifiConfig.html> or scan the QR code to enter the configuration page  
Get the Config Code by following the guidance on the page and scan it over the reading window



### Step 2: Enter the amount and scan the Payment Code

Enter the amount and press "Enter", the box will say the corresponding amount and show it on the screen  
Scan the payment code of consumers

### Step 3: Payment Result

If payment succeed, the box will say "Payment succeed", or it will say "Payment failed"  
The screen of the Smart Box V and keypad will show the same result.

Barcode/QR-code Scanner

# SMART BOX P



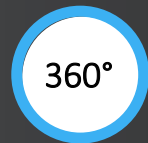
Professional long distance scanning terminal is customized for parking lot payment and express toll payment. Connected to payment software, it will acquire the amount and scanning payment code directly in seconds.



QR-code  
scanning



Speaker



360°  
Reading



USB



Reading  
Distance







# SMART BOX P


## Technical Specifications


 OS  
Windows

 Prompting Mode  
Voice  
75~105db


 Reading Distance  
5cm~50cm  
Avoid outdoor direct glare


 Working Current  
5V

 Reading Direction  
Horizontal 360°  
Vertical ±40°

 Resolution  
1 million pixels

 Interfaces  
USB

 Barcode  
Payment code  
QR code, Barcode

 Operating environment  
Working temperature: -20-60°C

 Product Dimension  
248mm×175mm × 48.5mm



Dynamic Payment Code Display Terminal

# SoundBox

Avoiding maliciously replacement of merchants' QR code, improving the security of the consumer's scanning

- Fashion and Simple ID Design
- Directly connected with the payment back-end to achieve real-time display of the QR-code(dynamic, static)
- Deliver voice real-time broadcast per transaction
- 2.4-inch Screen



WIFI



Speaker




Safety




# SoundBox


## Technical Specifications

 CPU  
32 bit CPU


 Size  
148mm×80mm×63mm

 Voice  
Built-in 4Ω/2W speaker

 Communication  
WIFI  
GPRS

 Screen  
2.4 inch color LCD  
display

 Resolution  
240×320px

 Operating environment  
Working temperature: -20-60°C  
Storage temperature: -30-70°C  
Relative humidity 5% to 95%



Please scan the QR-code



QR-code Payment Speaker

# Sound Box V1

Avoiding maliciously replacement of merchants' QR code, improving the security of the consumer's scanning  
Ideal terminal for vegetable market, mom-and-pop store and other mini stores.

- Fashion and Simple ID Design
- Directly connected with the payment back-end
- Deliver voice real-time broadcast per transaction



**WIFI**



**Speaker**



**Safety**





# SoundBox V1

## Technical Specifications



### Network

GSM  
Uplink 10Kbps,  
downlink 80Kbps



### Voice Prompt

MP3/WAV format  
78dB to 82dB or more within  
1.5~2 meters distance



### Interfaces

USB  
5V-1.5A, type B



### Working Current

1.5A



### Product Dimension

105×93×83mm



### SIM Card

Micro SIM



### Operating environment

Working temperature: 0-60°C  
Storage temperature: -20 °C -70°C





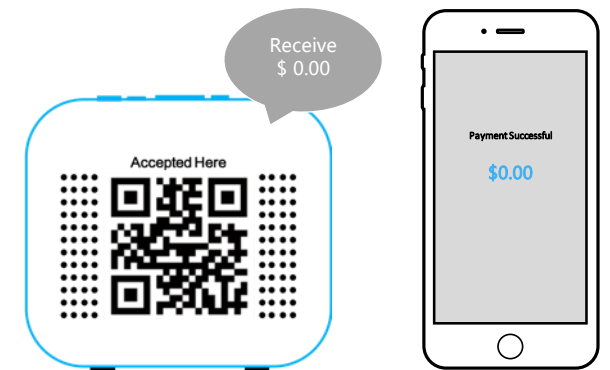
### Step 1: Configuration

Open the APP and follow the instructions. Press the Setup button and enter the PIN according to the voice prompt.



### Step 2: Consumer Scan and Pay

Consumer scans the QR code on the speaker and enters the amount in the APP.



### Step 3: Payment Result

If payment succeed, the speaker will say "Receive payment XX.XX dollar(yuan/rupee, etc.)". Consumer will receive the confirmation in the APP.

Barcode/QR-code Scanner

# Smart Box Pie

**Exquisite appearance | High performance | Plug-and-play**

- New 2D-code and barcode recognition algorithm
- Clear scanning indicator to guide consumers
- High-quality brand display area
- Built-in speaker for voice announcements
- Plug-and-play, compatible with various OS and cashier system
- Financial security chips to make payment more secure
- Mounted on other surfaces of cashier devices



QR-code  
scanning



Safety



360°  
Reading



USB



Reading  
Distance



Speaker




# Smart Box Pie


## Technical Specifications




 OS  
Windows, Android,  
Lin

 CPU  
32 Bit Financial Security  
Chip  
PCI 5.1 Standard


 Reading Window  
68mm×51mm

 Prompting Mode  
Voice  
Color Lights


 Reading Direction  
Horizontal 360°  
Diagonal ±60°  
Vertical ±60°


 Resolution  
640×480px

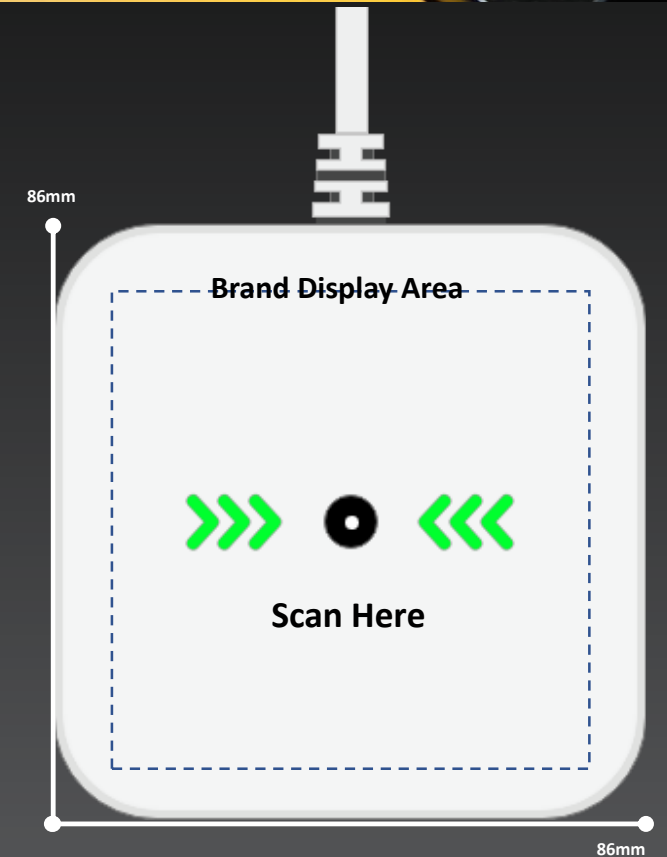
 Interfaces  
USB-KBD/  
USB-CDC

 Barcode  
Payment code(QR code)  
Refund code(Code 128)

 Weight  
310g

 Reading Distance  
20cm

 Working Current  
5V/200mA



86mm



Handheld Could Terminal

# SMART POS E Mini



Andorid 5.1 operating system | Qualcomm quad-core, 1.2GHz | 4.5 inch screen | 8GB ROM

Multi payment methods: Support integrated magnetic card, IC card, NFC, barcode, QR code and sound wave payment.



Magnetic Card



IC Card



Bluetooth



NFC



Sound Wave Payment





QR Code

# SMART POS Mini


## Technical Specifications


 OS  
Security OS, Android  
5.1

 CPU  
Qual-core,  
4×1.2GHz


 Memory  
1GB DDR3, 8GB Flash  
Optional: 2+16


 Display  
4.5 inch  
Resolutions: 854×480


 Screen  
High Sensitivity Capacitive  
Touch Screen

 Communication  
4G/3G/2G/WIFI/  
Bluetooth/GPS

 Battery  
3000mAh

 Barcode  
Payment code  
QR code, Barcode

 Camera  
Professional Scanning Camera  
Support High-speed Scanning  
Algorithm

 Power  
Input: 100-240V, 50/60Hz 0.35A  
Output:5V/2000mA



Smart Commercial Terminal

# SMART POS B



An ideal cloud-based terminal for retailers and restaurant owners ;

NFC, Bluetooth , Sound wave sensor, high speed thermal printer, integrated design;

Support WIFI, 3G, 4G, build powerful network ;

New business operation system, based on Android intelligent operation system and network security architecture design, humanized interaction experience ;

5200mAh Large capacity battery, endurance 120h to make sure smooth working.



Bluetooth



NFC



Sound Wave  
Payment





QR Code


# SMART POS B


## Technical Specifications


 OS  
Security OS, Android 8.1

 CPU  
Qual-core, 4x1.28GHz


 Memory  
1GB DDR3, 8GB Flash  
Optional: 2+16


 Screen  
High Sensitivity  
Capacitive Touch Screen


 Communication  
4G/3G/2G/WIFI/  
Bluetooth/GPS

 Battery  
5200mAh


 Display  
5.0 inch,  
Resolution: 1280x720


 Power  
Input: 100-240V,  
50/60Hz 0.35A  
Output: 5V/2000mA

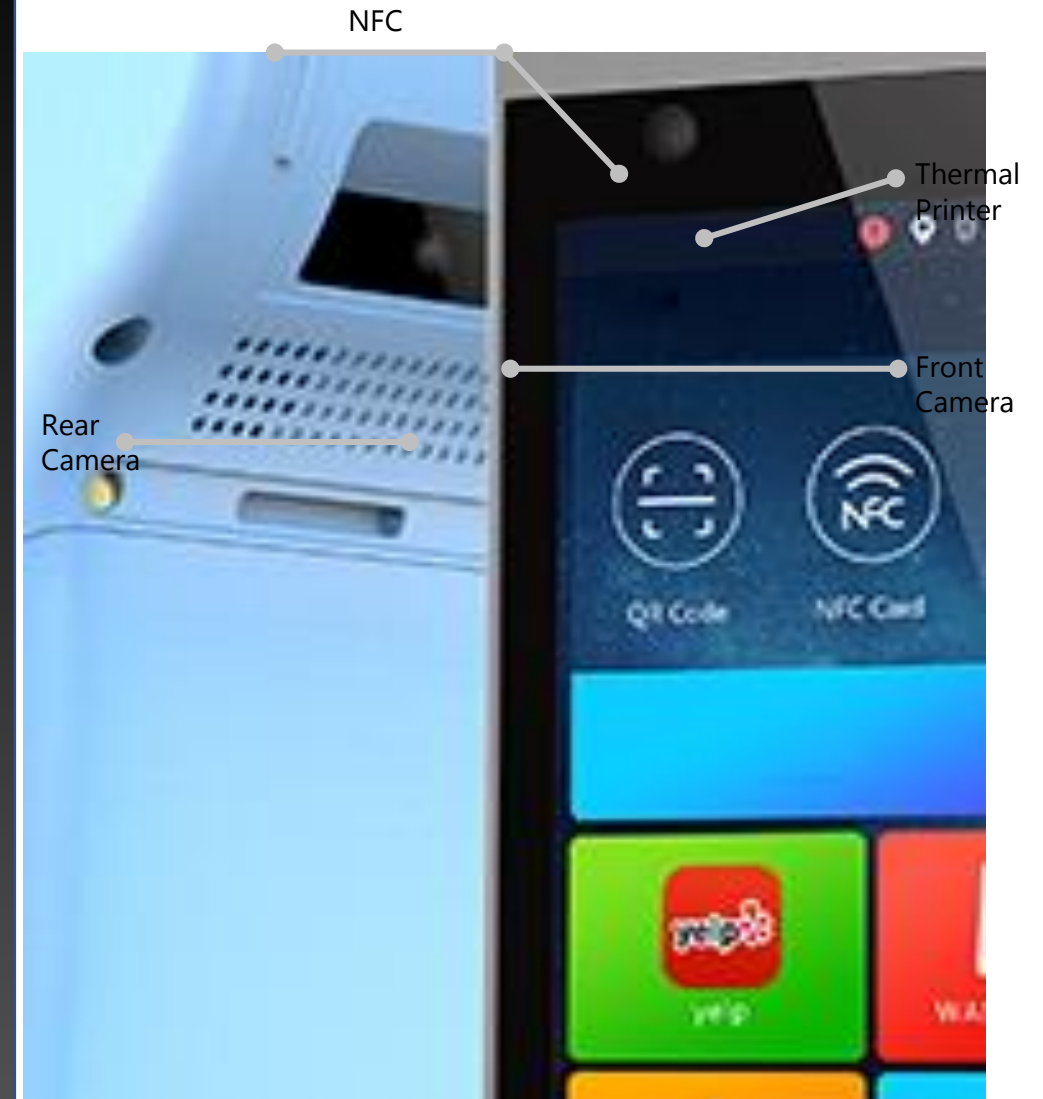
 Printer  
Thermal Printer,  
Paper: 58x40mm

 Barcode  
Payment code  
QR code, Barcode

 Weight  
450g

 Camera  
Front Camera: 300K Pixel Auto Focus, Rear  
Camera: Professional Scanning Camera

 Product Dimension  
194mmx77.5mm x 62mm





Smart Commercial Terminal

# SMART POS E



Andorid 5.1 operating system | Qualcomm quad-core, 1.2GHz | 4.5 inch screen | 8GB ROM

Multi payment methods: Support integrated magnetic card, IC card, NFC, barcode, QR code and sound wave payment.



Magnetic Card



IC Card



Bluetooth



NFC



Sound Wave Payment



QR Code



# SMART POS E

## Technical Specifications



**OS**  
Security OS, Android 5.1



**CPU**  
Qual-core, 4×1.2GHz



**Memory**  
1GB DDR3, 8GB Flash  
Optional: 2+16



**Display**  
5.5 inch,  
Resolution: 1280×720



**Power**  
Input: 100-240V, 50/60Hz 0.35A  
Output: 5V/2000mA



**Screen**  
High Sensitivity  
Capacitive Touch Screen



**Communication**  
4G/3G/2G/WIFI/  
Bluetooth/GPS



**Battery**  
6000mAh



**Barcode**  
Payment code  
QR code, Barcode



**Printer**  
Thermal Printer,  
Paper: 58×30mm



**Camera**  
Front Camera: 5 Mega Pixel Auto Focus, Rear  
Camera: 5 Mega Pixel Auto Focus, Support  
High-speed Scanning Algorithm



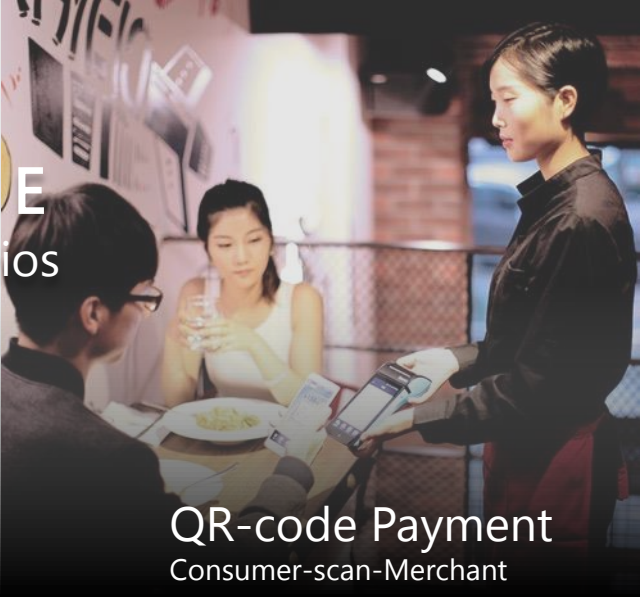
**Product Dimension**  
201mm×84mm × 56.5mm



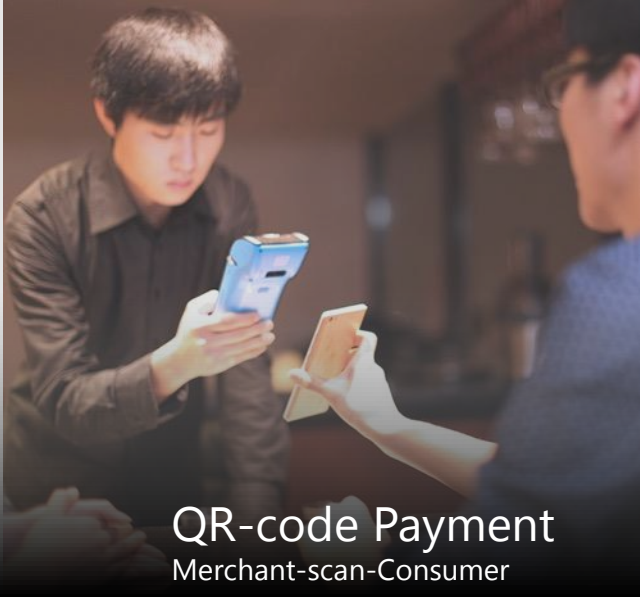
# SMART POS E

## Payment Scenarios

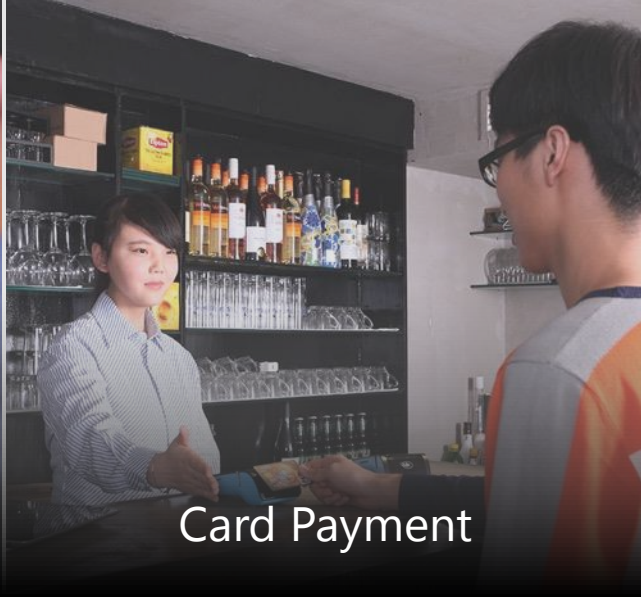
NFC Payment



QR-code Payment  
Consumer-scan-Merchant



QR-code Payment  
Merchant-scan-Consumer



Card Payment



Exclusive commercial operating system brings excellent interactive experience. The portable POS terminal is ideal for pay-at-table and pay-at-counter restaurants, canteens, markets and any payment scenarios.



Restaurant



Canteen



Convenience Store



Market



Clothing Shops



Hospital







# Thanks

