

# COMPANY PROFILE



GUANGZHOU ZONERICH BUSINESS MACHINE CO., LTD was established in 2001 and now has grown as one of the biggest manufacturers of POS terminals, mini printers and electronic cash registers in China. ZONERICH locates in it's own Zonerich Science Park. In Zonerich, there are:

1. Over 13000sqm factory and office building area;
2. More than 300 employees;
3. 2 SMT lines and 8 assembly lines;
4. Customers from over 50 countries. Main customers are from German, Japan, and Brazil etc.

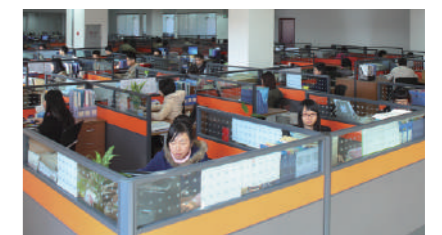
Zonerich R&D department occupies more than 2000sqm office area. There are different experienced engineers in the R&D department, including concept design, 3D and tooling design, hardware circuit design, PCB layout, MCU software development, printer driver development and Win CE / Andoid system and driver development. All these capabilities help Zonerich R&D team capable of providing professional OEM/ODM services to customers over many years.



ZONERICH Science Park



Factory Building



General Office



Assembly Line



SMT Line



Product Warehouse



# PC BASED ALL IN ONE POS

# PC BASED TOUCH POS



## ZQ-P1088mini

- Aluminum Housing
- Built-in 80mm Seiko mechanism thermal printer
- Various options of peripherals
- Capacitive multi-points touch panel
- Fanless design
- Operator display angle adjustable

### SPECIFICATIONS

<b>CPU</b>	Intel Atom D2550@1.86GHZ
<b>RAM</b>	DDR3 2GB
<b>LCD</b>	9.7" TFT LCD
<b>Storage</b>	Mini SD 32GB or 2.5" SATA 320GB
<b>Thermal Printer</b>	80mm Thermal Printer, Automatic cutter, Max 170 mm/sec, Diameter Max. $\varnothing$ 80 mm
<b>Touch Screen</b>	Capacitive
<b>External Port</b>	1 RS232 serial interfaces, 1 VGA interface, 1 RJ45 Ethernet port, 4 USB interfaces, 1 Cash Drawer Interface
<b>Power Supply</b>	DC24V, 5A
<b>Dimension</b>	250(L)X205(W)X 323(H)mm



## ZQ-P1088mid

- Aluminum Housing
- Built-in 80mm Seiko mechanism thermal printer
- Various options of peripherals
- Capacitive multi-points touch panel
- Fanless design
- Operator display angles adjustable

### SPECIFICATIONS

<b>CPU</b>	Intel Atom D2550@1.86GHZ
<b>RAM</b>	DDR3 2GB
<b>LCD</b>	12" TFT LCD
<b>Storage</b>	Mini SD 32GB or 2.5" SATA 320GB
<b>Thermal Printer</b>	80mm Thermal Printer, Automatic cutter, Max 170 mm/sec, Diameter Max. $\varnothing$ 80 mm
<b>Touch Screen</b>	Resistive
<b>External Port</b>	3 RS232 serial interfaces, 1 VGA interface, 1 RJ45 Ethernet port, 4 USB interfaces,



## ZQ-P1088max

- Aluminum Housing
- Built-in 80mm Seiko mechanism thermal printer
- Various options of peripherals
- Capacitive multi-points touch panel (optional)
- Operator display angles adjustable

### SPECIFICATIONS

<b>CPU</b>	Intel Atom D2550@1.86GHZ
<b>RAM</b>	DDR3 2GB
<b>LCD</b>	15" TFT LCD
<b>Storage</b>	Mini SD 32GB or 2.5" SATA 320GB
<b>Thermal Printer</b>	80mm Thermal Printer, Automatic cutter, Max 170 mm/sec, Diameter Max. $\varnothing$ 80 mm
<b>Touch Screen</b>	Resistive
<b>External Port</b>	3 RS232 serial interfaces, 1 VGA interface, 1 RJ45 Ethernet port, 4 USB interfaces,
<b>Power Supply</b>	DC24V, 5A

### Optional

MSR/Dallas Key/RFID



Capacitive Touch Panel an LCD Adjustable



Customer Display



Optional MSR



Dallas Key



Various Interfaces



## ZQ-T9120

- Aluminum Housing
- True flat water proof touch screen
- Easy maintenance
- Various options of peripherals

### SPECIFICATIONS

<b>CPU</b>	Intel® Dual Core D2550
<b>Memory</b>	DDR3 2GB
<b>Network</b>	RTL8168DE PCI-E Gigabit Ethernet NIC
<b>O.S. Compliant</b>	Windows XP / VISTA/WIN7/WIN8(optional)
<b>Video Card</b>	Intel Graphics Media
<b>Touch Screen</b>	12" TFT LCD
<b>External Port</b>	2 RS232 serial interfaces, 1 VGA interface, 1 RJ45 Ethernet port, 4 USB interfaces,
<b>Power Supply</b>	100-240V/ 3.5A 47~63Hz



## ZQ-T9150

- Aluminum Housing
- True flat water proof touch screen
- Easy maintenance
- Various options of peripherals

### SPECIFICATIONS

<b>CPU</b>	Intel® Dual Core D2550
<b>Memory</b>	DDR3 2GB
<b>Network</b>	RTL8168DE PCI-E Gigabit Ethernet NIC
<b>O.S. Compliant</b>	Windows XP / VISTA/WIN7/WIN8(optional)
<b>Video Card</b>	Intel Graphics Media
<b>Touch Screen</b>	15" TFT LCD
<b>External Port</b>	3 RS232 serial interfaces, 1 VGA interface, 1 RJ45 Ethernet port, 4 USB interfaces,
<b>Power Supply</b>	100-240V/ 3.5A 47~63Hz
<b>Optional</b>	Intel Baytrail 1900 4GB/64GB SSD



## ZQ-T9170

- Aluminum Housing
- True flat water proof touch screen
- Easy maintenance
- Various options of peripherals

### SPECIFICATIONS

<b>CPU</b>	Intel® Dual Core D2550
<b>Memory</b>	DDR3 2GB
<b>Network</b>	RTL8168DE PCI-E Gigabit Ethernet NIC
<b>O.S. Compliant</b>	Windows XP / VISTA/WIN7/WIN8(optional)
<b>Video Card</b>	Intel Graphics Media
<b>Touch Screen</b>	17" TFT LCD
<b>External Port</b>	3 RS232 serial interfaces, 1 VGA interface, 1 RJ45 Ethernet port, 4 USB interfaces,
<b>Power Supply</b>	100-240V/ 3.5A 47~63Hz



## ZQ-T9190

- Aluminum Housing
- True flat water proof touch screen
- Easy maintenance
- Various options of peripherals

### SPECIFICATIONS

<b>CPU</b>	Intel® Dual Core D2550
<b>Memory</b>	DDR3 2GB
<b>Network</b>	RTL8168DE PCI-E Gigabit Ethernet NIC
<b>O.S. Compliant</b>	Windows XP / VISTA/WIN7/WIN8(optional)
<b>Video Card</b>	Intel Graphics Media
<b>Touch Screen</b>	19" TFT LCD
<b>External Port</b>	3 RS232 serial interfaces, 1 VGA interface, 1 RJ45 Ethernet port, 4 USB interfaces,
<b>Power Supply</b>	100-240V/ 3.5A 47~63Hz

# PC BASED TOUCH POS

# ANDROID POS



## ZQ-90600

- Dual Screen POS Terminal
- Aluminum Housing
- Various options of peripherals
- Capacitive multi-points touch panel (optional)
- Fanless design
- Operator display angles adjustable

### SPECIFICATIONS

**CPU** Intel® Celeron® Processor 1037U  
**Memory** DDR3 2GB  
**Network** RTL8168DE PCI-E Gigabit Ethernet NIC  
**O.S. Compliant** Windows XP / VISTA/WIN7/WIN8(optional)  
**Video Card** Intel Graphics Media  
**Operator Display** 15" TFT LCD  
**Secondary Display** 12" TFT LCD  
**Viewing Angle** 45 degree for dual screens adjustable  
**External Port** 4 x USB, 2 x DB-9, 1 x LAN, 2 x Audio, 1 x VGA, 1 x HDMI



## ZQ-90800

- Double 15" Screens POS Terminal
- Aluminum Housing
- Various options of peripherals
- Capacitive multi-points touch panel (optional)
- Fanless design
- Operator display angles adjustable

### SPECIFICATIONS

**CPU** Intel® Celeron® Processor 1037U  
**Memory** DDR3 2GB  
**Network** RTL8168DE PCI-E Gigabit Ethernet NIC  
**O.S. Compliant** Windows XP / VISTA/WIN7/WIN8(optional)  
**Video Card** Intel Graphics Media  
**Operator Display** 15" TFT LCD  
**Secondary Display** 15" TFT LCD  
**Viewing Angle** 45 degree for dual screens adjustable  
**External Port** 4 x USB, 2 x DB-9, 1 x LAN, 2 x Audio, 1 x VGA, 1 x HDMI



## ZQ-T9050

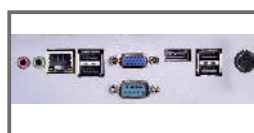
- Aluminum Housing
- Fan and Fanless system optional
- True flat water proof touch screen
- Easy maintenance
- Various options of peripherals

### SPECIFICATIONS

**CPU(optional)** Intel®Core i3  
 Intel®1037U 1.8GHz  
 Intel®Bay Trail I1900  
 Intel®Cedar Trail-D 2250 (1.86GHz)  
**Memory** 1xDDR3 2GB, up to 4GB  
**Network** RTL8168DE PCI-E Gigabit Ethernet NIC  
**O.S. Compliant** Windows XP / VISTA/WIN7/WIN8(optional)  
**Video Card** Intel Graphics Media  
**LCD** 15" TFT LCD  
**Viewing Angle** 85 degree for dual screens adjustable  
**External Port** 4 x USB, 2 x RS232, 1 x LAN, 2 x Audio, 1 x VGA, 1 x HDMI  
**Power Supply** 100-240V/ 3.5A 47~63Hz

### Optional

Secondary Display / MSR / Dallas Key / RFID



Multi Ports



Optional Printer



Secondary Display



Dallas Key & MSR



## ZQ-A1088mini

- Aluminum Housing
- Built-in 80mm Seiko mechanism thermal printer
- Various options of peripherals
- Capacitive multi-points touch panel(for ZQ-A1088mini only)
- Fanless design
- Operator display angle adjustable

### SPECIFICATIONS

**CPU** Rockchip RK3066 Dual-core Cortex-A9 1.5GHZ or Quad Core  
**RAM** DDR3 1GB  
**LCD** 9.7" TFT LCD  
**Storage** Nanda Flash 4GB, SD 32G Extendable  
**Internet** Optional 802.11 b/g/n WI-FI module  
**Printer** 80mm thermal printer with auto cutter  
**Touch Screen** Capacitive touch panel  
**Printer** USB and Rs232  
**External Port** 1 RS232 serial interfaces, 1 VGA interface, 1 RJ45 Ethernet port, 4 USB interfaces, 1 DC24V input interface, 1 Cash Drawer Interface DC24V,5A  
**Power Supply Dimension** 250(L)X205(W)X 323(H)mm



## ZQ-A1088mid

- Aluminum Housing
- Built-in 80mm Seiko mechanism thermal printer
- Various options of peripherals
- Fanless design
- Operator display angle adjustable

### SPECIFICATIONS

**CPU** Rockchip RK3066 Dual-core Cortex-A9 1.5GHZ or Quad Core  
**RAM** DDR3 1GB  
**LCD** 12" TFT LCD  
**Storage** Nanda Flash 4GB, SD 32G Extendable  
**Internet** Optional 802.11 b/g/n WI-FI module  
**Printer** 80mm thermal printer with auto cutter  
**Touch Screen** Capacitive touch panel  
**Printer** USB and Rs232  
**External Port** 1 RS232 serial interfaces, 1 VGA interface, 1 RJ45 Ethernet port, 4 USB interfaces, 1 DC24V input interface, 1 Cash Drawer Interface DC24V,5A  
**Power Supply Dimension** 290(L)X225(W)X 360(H)mm



## ZQ-A1088max

- Aluminum Housing
- Built-in 80mm Seiko mechanism thermal printer
- Various options of peripherals
- Fanless design
- Operator display angle adjustable

### SPECIFICATIONS

**CPU** Rockchip RK3066 Dual-core Cortex-A9 1.5GHZ or Quad Core  
**RAM** DDR3 1GB  
**LCD** 15" TFT LCD  
**Storage** Nanda Flash 4GB, SD 32G Extendable  
**Internet** Optional 802.11 b/g/n WI-FI module  
**Printer** 80mm thermal printer with auto cutter  
**Touch Screen** Resistive touch panel  
**Printer** USB and Rs232  
**External Port** 1 RS232 serial interfaces, 1 VGA interface, 1 RJ45 Ethernet port, 4 USB interfaces, 1 DC24V input interface, 1 Cash Drawer Interface DC24V,5A  
**Power Supply Dimension** 350(L)X225(W)X 375(H)mm





## ZQ-A9120

- Aluminum Housing
- Water proof flat touch panel
- Easy maintenance
- Various options of peripherals
- Android system

### SPECIFICATIONS

<b>CPU</b>	Rockchip RK3066 Dual-core Cortex-A9 1.5GHZ or Quad Core
<b>RAM</b>	DDR3 1GB
<b>Operating System</b>	Android 4.1
<b>Storage</b>	Nanda Flash 4GB,SD 32G Extendable
<b>Internet</b>	Optional 802.11 b/g/n WI-FI module
<b>Touch Screen</b>	12" diagonal, resistive touch
<b>External Port</b>	1 RS232 serial interfaces, 1 VGA interface, 1 RJ45 Ethernet port, 4 USB interfaces, 1 Cash Drawer Interface
<b>Power Supply</b>	DC24V,5A
<b>Dimension</b>	290(L)X200(W)X 310(H)mm



## ZQ-900

- 7" Capacitive touch panel
- Android system
- Built-in thermal printer supports label printing
- Camera integrated
- Muti data ports
- WiFi supported / 3G or 4G optional

### SPECIFICATIONS

<b>CPU(Optional)</b>	Rockchip RK3066 Dual-core Cortex-A9 1.5GHZ or Quad Core
<b>Memory</b>	DDR3 1GB
<b>Storage</b>	NAND Flash 4GB,32G TF/SD card Extendable
<b>Camera (Optional)</b>	0.3MP 2D Barcode scanner
<b>Internet</b>	WiFi, 100 LAN ,GPRS module 2G, 3G module
<b>Operating System</b>	Andriod 4.1
<b>Printer</b>	80mm thermal printer supports label printing
<b>Touch Screen</b>	Multipoint capacitive touch
<b>External Port</b>	1 x DC 12V input,3 x USB,1 x Ethernet, 1 x TF/SD card slot
<b>Power Supply</b>	DC 12V, 5A
<b>Dimension</b>	255(L) X 253(W) X 116.5(H)mm

### Optional

MSR/Dallas Key/Rfid



Multi Ports



Capacitive Touch Panel



Camera for option



Label Printing



## ZQ-A9150

- Aluminum Housing
- Water proof flat touch panel
- Easy maintenance
- Various options of peripherals
- Android system

### SPECIFICATIONS

<b>CPU</b>	Rockchip RK3066 Dual-core Cortex-A9 1.5GHZ or Quad Core
<b>RAM</b>	DDR3 1GB
<b>Operating System</b>	Android 4.1
<b>Storage</b>	Nanda Flash 4GB,SD 32G Extendable
<b>Internet</b>	Optional 802.11 b/g/n WI-FI module
<b>Touch Screen</b>	15" diagonal, resistive touch
<b>External Port</b>	1 RS232 serial interfaces, 1 VGA interface, 1 RJ45 Ethernet port, 4 USB interfaces, 1 Cash Drawer Interface
<b>Power Supply</b>	DC24V,5A
<b>Dimension</b>	350(L)X200(W)X330(H)mm

### Optional

MSR/Dallas Key/Rfid



Optional MSR



Aluminum Housing



Dallas Key



Various Interfaces



## ZQ-1010

- 10.1" Capacitive touch panel
- Android system
- Built-in thermal printer
- Camera integrated
- Muti data ports
- WiFi supported / 3G or 4G optional

### SPECIFICATIONS

<b>CPU(Optional)</b>	Rockchip RK3066 Dual-core Cortex-A9 1.5GHZ or Quad Core
<b>Memory</b>	DDR3 1GB
<b>Storage</b>	NAND Flash 4GB,32G TF/SD card Extendable
<b>Camera (Optional)</b>	0.3MP 2D Barcode scanner
<b>Internet(Optional)</b>	WiFi, 100 LAN ,GPRS module 2G, 3G module
<b>Operating System</b>	Andriod 4.1
<b>Customer Display (optional)</b>	LED 9Digit, DC5V, RS232, 9600BPS Characters: 0...9 LCD 2*20 Digit, DC5V, RS232, 9600BPS; ASCII code
<b>Printer</b>	58mm thermal printer, 60mm /sec.
<b>Battery(optional)</b>	8.4V 2200mAh
<b>Touch Screen</b>	10.1" diagonal, Projected Capacitive touch, I2C
<b>External Port</b>	3 x USB, 1 x TF, 1 x LAN, 1 x DC12V Input, 1 x Cash Drawer, 1 x Rs232
<b>Power Supply</b>	DC 12V, 5A
<b>Dimension</b>	276(L) X 272(W) X 95(H)mm

### Optional

MSR/Dallas Key/Rfid



Customer Display



Multi Ports



Camera for option



Capacitive Touch Panel



IC Card Reader

# MOBILE PRINTER



## AB-321M

- Easy Paper Loading.
- LCD shows printer status.
- Faster printing speed up to 60mm/sec.
- Long time Lithium-ion battery
- Mobile printer can work under many mobile devices.
- Small size, light weight, stable performance and easy to use.
- Mobile printer can work outdoor.
- Wide usage: Outdoor fine, logistic system, wild quest record.

### SPECIFICATIONS

<b>Printing</b>	Direct thermal line printing
<b>Resolution</b>	203dpi(8dots/mm)
<b>Print Width</b>	48mm
<b>Printing Speed</b>	60mm/sec(MAX)
<b>Cutter Type</b>	Manual tearing
<b>Paper</b>	Paper Type: Thermal Paper Roll Paper: Paper Diameter:40mm(MAX) Paper Width:58mm
<b>Interface</b>	Serial, USB, Bluetooth
<b>Battery</b>	Type: Lithium-Ion Output:DC7.4V/Capacity:1100mAh/ 1300mAh(optional)
<b>Dimensions (WxDxH)</b>	78 x125 x 38 mm(No MSR) 78 x132 x 38 mm(With MSR)
<b>Weight</b>	250g

# MOBILE PRINTER



## AB-340M

- Easy Paper Loading.
- Faster printing speed up to 60mm/sec.
- Long time Lithium-ion battery
- Mobile printer can work under many mobile devices.
- Small size, light weight, stable performance and easy to use.
- Mobile printer can work outdoor.
- Wide usage: Outdoor fine, logistic system, wild quest record.

### SPECIFICATIONS

<b>Printing</b>	Direct thermal line printing
<b>Resolution</b>	203dpi(8dots/mm)
<b>Print Width</b>	104mm
<b>Printing Speed</b>	60mm/sec(MAX)
<b>Cutter Type</b>	Manual tearing
<b>Paper</b>	Paper Type: Thermal Paper Roll Paper: Paper Diameter:50mm(MAX) Paper Width:112mm
<b>Interface</b>	Serial, USB, Bluetooth
<b>Battery</b>	Type: Lithium-Ion Output:DC7.4V/Capacity:2100mAh/
<b>Dimensions (WxDxH)</b>	163x143x 65 mm(No MSR)
<b>Weight</b>	590g



## AB-320M

- Easy Paper Loading.
- Printing speed up to 60mm/s.
- Highly efficient lithium battery, with a stand-by time up to 48 hours.
- The card swiping board of the handheld printer can swipe all types of magnetic stripe cards.
- The handheld printer can be used with various of portable devices.
- Small size, light weight, stable and easy operation.
- Widely used in: mobile police systems, logistics systems, mobile payment systems, field operation recording systems, etc.

### SPECIFICATIONS

<b>Printing</b>	Direct thermal line printing
<b>Resolution</b>	203dpi(8dots/mm)
<b>Print Width</b>	48mm
<b>Printing Speed</b>	60mm/sec(MAX)
<b>Cutter Type</b>	Manual tearing
<b>Paper</b>	Paper Type: Thermal Paper Roll Paper: Paper Diameter:40mm(MAX) Paper Width:58mm
<b>Interface</b>	Serial, USB, Bluetooth
<b>Battery</b>	Type: Lithium-Ion Output:DC7.4V/Capacity:1100mAh/ 1300mAh(optional)
<b>Dimensions (WxDxH)</b>	78 x125 x 38 mm(No MSR) 78 x132 x 38 mm(With MSR)
<b>Weight</b>	250g



## AB-322M

- ARM-based system, high accuracy sensor, high integrated hardware designing
- Encrypted firmware control
- Accurate Fixed Length Printing
- Automatic Detecting to Paper Styles
- Printer Head Over-heating Protection ensures high stability and efficiency
- Available of Application Software
- Multi connection port: USB, RS-232, BLUETOOTH, wide usage

### SPECIFICATIONS

<b>Printing Method</b>	Direct thermal line printing
<b>Resolution</b>	203dpi(8dots/mm)
<b>Print Width</b>	72mm
<b>Printing Speed</b>	57mm width: 58mm/s 80mm width: 27mm/s
<b>Cutter Type</b>	Manual tearing
<b>Paper</b>	Paper Type: Thermal Paper, Sticker Roll Paper: Paper Diameter:38mm(MAX) Paper Width:80mm max
<b>Interface</b>	RS-232, USB2.0, Bluetooth2.0
<b>Battery</b>	500 times rechargeable
<b>Dimensions (WxDxH)</b>	110 x105 x 45 mm(No MSR)
<b>Weight</b>	250g



## AB-330M

- Easy Paper Loading.
- Printing speed of up to 60mm/s.
- Highly efficient lithium battery, with a stand-by time of up to 48 hours.
- The card swiping board of the handheld printer can swipe all types of magnetic stripe cards.
- The handheld printer can be used with various of portable devices.
- Small size, light weight, stable and easy operation.
- Widely used in: mobile police systems, logistics systems, mobile payment systems, field operation recording systems, etc.

### SPECIFICATIONS

<b>Printing</b>	Direct thermal line printing
<b>Resolution</b>	203dpi(8dots/mm)
<b>Print Width</b>	72mm
<b>Printing Speed</b>	60mm/sec(MAX)
<b>Cutter Type</b>	Manual tearing
<b>Paper</b>	Paper Type: Thermal Paper Roll Paper: Paper Diameter:40mm(MAX) Paper Width:80mm
<b>Interface</b>	Serial, USB, Bluetooth
<b>Battery</b>	Type: Lithium-Ion Output:DC7.4V/Capacity: 1300mAh or 2100mAh
<b>Dimensions (WxDxH)</b>	100 x121 x 46 mm(No MSR) 100 x128 x 46 mm(With MSR)
<b>Weight</b>	275g

## Reference Applications





# 58mm THERMAL RECEIPT PRINTER



## AB-58MK

- A simple drop-in-paper loading means that even inexperienced operators can load paper rolls with the minimum of effort.
- High speed printing helps you to better communicate with your customer.
- Long life span: the life span of print head can reach to 100,000,000 times pulses.
- High resolution: resolution ratio can reach to 203DPI, support barcode printing.
- Support Windows image printing.
- Several interfaces for selection.

### SPECIFICATIONS

Printing Method	Direct Thermal
Printing Speed	60mm/s
Resolution	203DPI (8Dots/mm)
Paper type	Thermal Paper
Paper Width	57.5 ± 0.5mm
Paper Roll Diameter	Maxφ75.0mm
Paper Supply Method	Easy Paper Loading
Drawer Port	RJ11
Interface	RS-232C, IEEE1284, USB
Power Supply (Adapter)	Ac120~230V±10%(include ) DC 12V,2A
Dimensions (W*L*H)	130x220x120 mm

# 80mm THERMAL RECEIPT PRINTER



## AB-80K

- The high performance thermal printer is suitable for retail and hospitality environment. They print at a speed of 250mm/s per second without the distracting noise
- Waterproof cover is available
- Drop-in-paper loading means inexperienced user can load paper roll.
- With cutter or manual tear is up to you

### SPECIFICATIONS

Printing Method	Direct Thermal
Printing Speed	250 mm/s
Resolution	203DPI (8dots/mm)
Paper Width	80 ± 0.5mm
Paper Roll Diameter	Maxφ80.0mm
Paper Supply Method	Easy Paper Loading
MCBF	100 million pulses or more
Auto cutter	Partial Cut/Full Cut
Emulation	ESC/POS
Drawer Port	RJ 11
Interface options	RS-232C, USB, Ethernet
Language	Buyer Language Support
Power Supply (Adapter)	Ac120~230V ± 10%(include) DC 24V,2A
Dimensions (W*L*H)	150x196x147 mm



## AB-58T

- A simple drop-in-paper loading means that even inexperienced operators can load paper rolls with the minimum of effort.
- High speed printing helps you to better communicate with your customer.
- Long life span: the life span of print head can reach to 100,000,000 times pulses.
- High resolution: resolution ratio can reach to 203DPI, support barcode printing.
- Support Windows image printing.
- Several interfaces for selection.

### SPECIFICATIONS

Printing Method	Direct Thermal
Printing Speed	60mm/s
Resolution	203DPI (8Dots/mm)
Paper type	Thermal Paper
Paper Width	57.5 ± 0.5mm
Paper Roll Diameter	Maxφ75.0mm
Paper Supply Method	Easy Paper Loading
Drawer Port	RJ11
Interface	RS-232C, IEEE1284, USB
Power Supply (Adapter)	Ac120~230V ± 10%(include) DC 12V,2A
Dimensions (W*L*H)	130x220x120 mm



## AB-88H

- The high performance thermal printer is suitable for retail and hospitality environment. They print at a speed of 250mm/s per second without the distracting noise
- Waterproof cover is available
- Drop-in-paper loading means inexperienced user can load paper roll.
- With cutter or manual tear is up to you

### SPECIFICATIONS

Printing Method	Direct Thermal
Printing Speed	250 mm/s
Resolution	203DPI (8dots/mm)
Paper Width	80 ± 0.5mm
Paper Roll Diameter	Maxφ80.0mm
Paper Supply Method	Easy Paper Loading
MCBF	100 million pulses or more
Auto cutter	Partial Cut/Full Cut
Emulation	ESC/POS
Drawer Port	RJ 11
Interface options	RS-232C, USB, Ethernet
Language	Buyer Language Support
Power Supply (Adapter)	Ac120~230V ± 10%(include) DC 24V,2A
Dimensions (W*L*H)	150x196x147 mm



## AB-58C

- High-Speed Printing for up to 200mm/s
- Easy maintenance. Its assembly requires only unscrewing of two screws. Even an inexperienced repairman can handle it easily.
- Big paper rolls may be installed. This printer can be installed with heat-sensitive paper rolls with a diameter of up to 80mm.
- The printer interface may be changed. The serial port, USB port, parallel port or network interface are optional.
- Elegant Appearance. The enclosure for this product has tight joints, a smooth and natural body line and a high sense of design.

### SPECIFICATIONS

Printing Method	Direct Thermal
Printing Speed	150mm/s
Resolution	203DPI (8Dots/mm)
Character Set	Alphanumeric Character :95
Character Size	Font : 12 X 24, 9 X 17
Character Per Line	32/42
Paper type	Thermal Paper
Paper Width	57.5 ± 0.5mm
Paper Roll Diameter	Max φ 80.0mm
Paper Supply Method	Easy Paper Loading
MCBF	100 million pulses or more
Auto cutter Life	1,000,000 cuts
Emulation	ESC/POS
Auto cutter	Partial Cut
Drawer Port	RJ11
Interface	RS-232C, IEEE1284, USB, Ethernet
Language	Buyer Language Support
Power Supply (Adapter)	AC120~230V ± 10%(include) DC 24V,2A
Dimensions (W*L*H)	131x 163 x 129 mm
Operating Temp	0~50°C



## AB-F800

- Front facing design
- High printing speed up to 300mm/s per second
- Downpour water resistance
- 4 interfaces options
- Drop-in-paper loading
- Full and partial cut
- Optional plastic base for built-in power adaptor

### SPECIFICATIONS

Printing Method	Direct Thermal line printing
Printing Speed	300mm/s
Resolution	203DPI (8Dots/mm)
Character Set	Alphanumeric Character : 95
Character Size	FontA: 12X24 dots Font B: 9X17
Character Per Line	FontA: 48 CPL Font B: 64 CPL
Paper type	Thermal Paper
Paper Width	80 ± 0.5mm
Paper Roll Diameter	Max φ 80.0mm
Paper Supply Method	Easy Paper Loading
MCBF	100 million pulses or more
Auto cutter Life	1,000,000 cuts
Auto cutter	Partial Cut/Full Cut
Drawer Port	RJ11
Emulation	ESC/POS
Interface options	RS-232C, IEEE1284, USB, Ethernet
Language	Buyer Language Support
Power Supply (Adapter)	Ac120~230V ± 10%(include) DC 24V, 2A
Dimensions (W*L*H)	150x196x147mm
Operating Temp	0~50°C



## AB-PD560

- They could be used as panel mounting printer and desktop receipt printer
- Small size rack mounting
- Silent printing through direct thermal printing method
- High resolution (203dpi: 8dots/mm)
- Easy paper loading with button open cover
- Support text and graphic printing
- Integrated serial and USB interface
- Auto cutter

### SPECIFICATIONS

<b>Printing</b>	Direct thermal line printing
<b>Resolution</b>	203dpi(8dots/mm)
<b>Print Width</b>	48mm
<b>Printing Speed</b>	170mm/s
<b>Paper Roll</b>	Paper Type: Thermal Paper Paper Diameter:60mm Paper Width:58mm RS232 & USB
<b>Interface</b>	DC24V 2.0A
<b>Input Power</b>	Option
<b>Power Adaptor</b>	Option
<b>Auto cutter</b>	Partial Cut/Full Cut
<b>Dimensions (WxDxH)</b>	107x95x86.5mm



## AB-PD880

- They could be used as panel mounting printer and desktop receipt printer
- Small size rack mounting
- Silent printing through direct thermal printing method
- High resolution (203dpi: 8dots/mm)
- Easy paper loading with button open cover
- Support text and graphic printing
- Integrated serial and USB interface
- Auto cutter

### SPECIFICATIONS

<b>Printing</b>	Direct thermal line printing
<b>Resolution</b>	203dpi(8dots/mm)
<b>Print Width</b>	72mm
<b>Printing Speed</b>	170mm/s
<b>Paper Roll</b>	Paper Type:Thermal Paper Paper Diameter:80mm Paper Width:80mm RS232 & USB
<b>Interface</b>	DC24V, 2A
<b>Input Power</b>	Option
<b>Power Adaptor</b>	Option
<b>Auto cutter</b>	Partial Cut/Full Cut
<b>Dimensions (WxDxH)</b>	117.5x127x104.5mm



## AB-PD580

- They could be used as panel mounting printer and desktop receipt printer
- Small size rack mounting
- Silent printing through direct thermal printing method
- High resolution (203dpi: 8dots/mm)
- Easy paper loading with button open cover
- Support text and graphic printing
- Integrated serial and USB interface
- Auto cutter

### SPECIFICATIONS

<b>Printing</b>	Direct thermal line printing
<b>Resolution</b>	203dpi(8dots/mm)
<b>Print Width</b>	48mm
<b>Printing Speed</b>	170mm/s
<b>Paper Roll</b>	Paper Type: Thermal Paper Paper Diameter:80mm Paper Width:58mm RS232 & USB
<b>Interface</b>	DC24V 2.0A(MAX)
<b>Input Power</b>	Option
<b>Power Adaptor</b>	Option
<b>Auto cutter</b>	Partial Cut/Full Cut
<b>Dimensions (WxDxH)</b>	127x95x100mm



## AB-DM501

- Easy loading paper
- Excellent printing speed: 60mm/s for 58mm and 80mm printing
- Magnetic card reader available for 58mm printing
- Serial port and USB port provide users with more choices
- Bluetooth communication makes the printer more flexible

### SPECIFICATIONS

<b>Printing</b>	Direct thermal line printing
<b>Resolution</b>	203dpi(8dots/mm)
<b>Print Width</b>	48mm
<b>Printing Speed</b>	60mm/sec
<b>Paper Roll</b>	Paper Diameter: 50mm(MAX) Paper Width: 58mm Serial,USB,Bluetooth(option) Type:Lithium-Ion(option) Output:DC7.4V/Capacity:2000mAh
<b>Interface</b>	Input AC110~240V
<b>Battery(option)</b>	Output DC9V 3A
<b>Input Power</b>	Auto 1/2/3 track(option)
<b>Power Adaptor</b>	121x113x70mm
<b>MSR(option)</b>	Weight
<b>Dimensions (WxDxH)</b>	250g



## AB-PD860

- They could be used as panel mounting printer and desktop receipt printer
- Small size rack mounting
- Silent printing through direct thermal printing method
- High resolution (203dpi: 8dots/mm)
- Easy paper loading with button open cover
- Support text and graphic printing
- Integrated serial and USB interface
- Auto cutter

### SPECIFICATIONS

<b>Printing</b>	Direct thermal line printing
<b>Resolution</b>	203dpi(8dots/mm)
<b>Print Width</b>	72mm
<b>Printing Speed</b>	170mm/s
<b>Paper Roll</b>	Paper Type:Thermal Paper Paper Diameter:60mm Paper Width:80mm RS232 & USB
<b>Interface</b>	DC24V, 2A
<b>Input Power</b>	Option
<b>Power Adaptor</b>	Option
<b>Auto cutter</b>	Partial Cut/Full Cut
<b>Dimensions (WxDxH)</b>	117.5x107x86.5mm



## AB-DM801

- Easy loading paper
- Excellent printing speed: 60mm/s for 58mm and 80mm printing
- Magnetic card reader available for 58mm printing
- Serial port and USB port provide users with more choices
- Bluetooth communication makes the printer more flexible

### SPECIFICATIONS

<b>Printing</b>	Direct thermal line printing
<b>Resolution</b>	203dpi(8dots/mm)
<b>Print Width</b>	72mm
<b>Printing Speed</b>	60mm/sec
<b>Paper Roll</b>	Paper Diameter:50mm(MAX) Paper Width:80mm Serial,USB,Bluetooth(option) Type:Lithium-Ion(option) Output:DC7.4V/Capacity:2000mAh
<b>Interface</b>	Input AC110~240V
<b>Battery(option)</b>	Output DC9V 3A
<b>Adaptor</b>	-----
<b>MSR(option)</b>	120x125 x71mm
<b>Dimensions (WxDxH)</b>	Weight
<b>Weight</b>	275g



# DOT MATRIX PRINTER



## AB-220K

- Black mark orientation  
The black mark sensor orientates to print fixed length.
- Excellent built quality  
The products have graceful external appearance with excellent built quality and low price that the competition can't match.

### SPECIFICATIONS

<b>Printing Method</b>	Dot Matrix
<b>Printing Speed</b>	4.6 LPS
<b>Character Size</b>	Font : 7 X 9
<b>Character Per Line</b>	40
<b>Paper type</b>	Roll Paper
<b>Paper Width</b>	76±0.5mm
<b>Paper Roll Diameter</b>	Max φ 75.0mm
<b>Paper Supply Method</b>	Auto Paper Loading
<b>Emulation</b>	ESC/POS
<b>Drawer Port</b>	RJ11
<b>Interface</b>	RS-232C, IEEE1284,USB
<b>Power Supply (Adapter)</b>	Ac120 ~230V ± 10%(include) DC 24V,2A
<b>Dimensions (W*L*H)</b>	160 x 247x 130 mm

# DOT MATRIX PRINTER



## AB-350K

- Easy loading paper
- Excellent printing speed

### SPECIFICATIONS

<b>Printing Method</b>	9 pins Serial impact dot matrix not applicable
<b>Ribbon</b>	Paper type: Sprocket paper
<b>Paper</b>	Paper width:76mm ± 0.5mm Thickness:0.05mm~0.095mm
<b>Data Buffer</b>	4K bytes
<b>Power Adapter</b>	Input AC120 ~230V ± 10% Output DC 24V, 2A
<b>Cutter Type</b>	Manual tear
<b>Print head life</b>	300 million dots/ wire
<b>Dimensions (WxDxH)</b>	146 x 288 x 86 mm
<b>Weight</b>	1kg

### Reference Applications

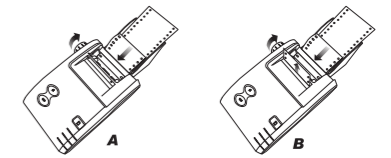


#### Retail

- Modern retail environments are fiercely competitive
- Bank POS equipment connection
  - Print call charges prepaid phone volume
  - The game point card volume printing

### Product Features

Do not need to install the ribbon, It is to print two copies press sensor paper. It is widely used in recharge card and point card printing system.



Double and triple layer are available.



## AB-220KC

- Black mark orientation  
The black mark sensor orientates to print fixed length.
- Excellent built quality  
The products have graceful external appearance with excellent built quality and low price that the competition can't match.

### SPECIFICATIONS

<b>Printing Method</b>	Dot Matrix
<b>Printing Speed</b>	4.6 LPS
<b>Character Size</b>	Font : 7 X 9
<b>Character Per Line</b>	40
<b>Paper type</b>	Roll Paper
<b>Paper Width</b>	76±0.5mm
<b>Paper Roll Diameter</b>	Max φ 75.0mm
<b>Paper Supply Method</b>	Auto Paper Loading
<b>Emulation</b>	ESC/POS
<b>Auto cutter</b>	Half cut
<b>Auto cutter life</b>	1,500,000 cuts
<b>Drawer Port</b>	RJ11
<b>Interface</b>	RS-232C, IEEE1284,USB
<b>Power Supply (Adapter)</b>	Ac120 ~230V ± 10%(include) DC 24V,2A
<b>Dimensions (W*L*H)</b>	160 x 247x 130 mm

### Reference Applications



#### Retail

- Mobile retail environments are fiercely competitive
- Point-of-sale receipting
  - Coupon printing
  - Kitchen printing
  - Bar receipt printing
  - Mobile receipting
  - Ticketing
  - Electronic patient records
  - Document, records and case note tracking

### Product Features

#### Automatic paper cutter

According to the needs of the customers automatic paper cutter, let your work more easily.



## AB-690K

- USB and parallel are available
- MTBF is over 10,000 hours
- MAX 6 layers printing supported

### SPECIFICATIONS

<b>Printing Method</b>	24-pin, impact dot matrix
<b>Print Speed</b>	Ultra Speed Draft: 225 cps (10 cpi); 270 cps (12 cpi) High Speed Draft: 150 cps (10 cpi); 180 cps (12 cpi) Draft: 75 cps (10 cpi); 90 cps (12 cpi)
<b>Font</b>	Chinese: 24x24 English: Roman OCR-A, COR-B 1+5
<b>Copying Capacity</b>	1+5
<b>Interface</b>	USB, parallel
<b>Power Cost</b>	Standby 6W, Ultra speed 100W, Self-test 46W
<b>Power Supply</b>	AC100V-220V 50/60Hz
<b>Ribbon Model</b>	NX-500
<b>Dimension</b>	360mmx260mmx205mm
<b>Weight</b>	Approx. 6 kgs

### Reference Applications



#### Retail

- Public service  
Logistics- shipping bill  
Invoice printing  
Telecom center-receipt printing



# PANEL PRINTER



## AB-W5820

- Multiple interfaces
- Text and graphic printing
- Easy paper loading with clamshell design
- Silent direct thermal printing method
- Reliable life span 100 million pulses, MAX 50 KM

### SPECIFICATIONS

<b>Printing Resolution</b>	Direct thermal line printing 203dpi(8dots/mm)
<b>Print Width</b>	48mm
<b>Printing Speed</b>	25mm/sec
<b>Paper Roll</b>	Paper Type: Thermal Paper Paper Diameter:20mm Paper Width:58mm RS-232C
<b>Interface</b>	Option
<b>Input Power</b>	5V 2.0A(Max)
<b>Power Adaptor</b>	Option
<b>Auto cutter</b>	No
<b>MCBF</b>	Electric Life: 100,000,000 pulses
<b>Wear Life</b>	Paper feed length Approximately 50 Km
<b>Dimensions (WxDxH)</b>	79 x 45 x 40mm



## AB-R5850

- Multiple interfaces
- Text and graphic printing
- Easy paper loading with clamshell design
- Silent direct thermal printing method
- Reliable life span 100 million pulses, MAX 50 KM

### SPECIFICATIONS

<b>Printing Resolution</b>	Direct thermal line printing 203dpi(8dots/mm)
<b>Print Width</b>	48mm
<b>Printing Speed</b>	60mm/sec
<b>Paper Roll</b>	Paper Type: Thermal Paper Paper Diameter:50mm Paper Width:58mm RS-232C, USB
<b>Interface</b>	Option
<b>Input Power</b>	DC 12V~24V 2.0A(MAX)
<b>Power Adaptor</b>	Option
<b>Auto cutter</b>	No
<b>MCBF</b>	Electric Life: 100,000,000 pulses
<b>Wear Life</b>	Paper feed length Approximately 50 Km
<b>Dimensions (WxDxH)</b>	85 x 85 x 65mm



## AB-R5860C

- Multiple interfaces
- Text and graphic printing
- Printing with auto cutter
- Easy paper loading with clamshell design
- Silent direct thermal printing method
- Reliable life span 100 million pulses, MAX 50 KM

### SPECIFICATIONS

<b>Printing Resolution</b>	Direct thermal line printing 203dpi(8dots/mm)
<b>Print Width</b>	48mm
<b>Printing Speed</b>	60mm/sec
<b>Paper Roll</b>	Paper Type: Thermal Paper Paper Diameter:60mm Paper Width:58mm RS-232C/USB
<b>Interface</b>	Option
<b>Input Power</b>	DC 12~24V 4.0A(Max)
<b>Power Adaptor</b>	Option
<b>Auto cutter</b>	Partial Cut
<b>MCBF</b>	Electric Life: 100,000,000 pulses
<b>Wear Life</b>	Paper feed length Approximately 50 Km
<b>Dimensions (WxDxH)</b>	107 x 109 x 103mm



## AB-R8060C

- Multiple interfaces
- Text and graphic printing
- Printing with auto cutter
- Easy paper loading with clamshell design
- Silent direct thermal printing method
- Reliable life span 100 million pulses, MAX 50 KM

### SPECIFICATIONS

<b>Printing Resolution</b>	Direct thermal line printing 203dpi(8dots/mm)
<b>Print Width</b>	72mm
<b>Printing Speed</b>	60mm/sec
<b>Paper Roll</b>	Paper Type: Thermal Paper Paper Diameter:60mm Paper Width:80mm RS-232C/USB
<b>Interface</b>	Option
<b>Input Power</b>	DC 12~24V 2.0A(Max)
<b>Power Adaptor</b>	Option
<b>Auto cutter</b>	Partial Cut
<b>MCBF</b>	Electric Life: 100,000,000 pulses
<b>Wear Life</b>	Paper feed length Approximately 50 Km
<b>Dimensions (WxDxH)</b>	130 x 117 x 97mm

# BARCODE & LABEL PRINTER



## Label Printer

### AB-F820

- Support label and barcode printing
- High printing speed
- Wide range of printing size adjustable
- Popular data connection options
- Easy operation and maintenance

### SPECIFICATIONS

<b>Printing Method</b>	Thermal printing
<b>Resolution</b>	8 dots/mm
<b>Printing Speed</b>	100mm/s max.
<b>Printing Width</b>	16-80mm
<b>Paper Roll</b>	Thermal sticker paper roll: 25.14±0.5mm Diameter (max.): 100mm
<b>Paper Tearing</b>	Manual
<b>Data Buffer</b>	4MB
<b>Barcodes</b>	1D: Code 39, Code 93, Code 128UCC, Code 128 subset A, B, Codabar, Interleave 2 of 5, EAN-8, EAN-13, EAN-128, UPC-A, UPC-E 2D: PDF-147, Maxicode, DataMatrix, QR Code
<b>Port Options</b>	USB / RS-232
<b>Power Input</b>	Input: AC 100-240V Output: DC 24V 2.5A
<b>Power Consumption (standby)</b>	2.2W
<b>Power Rated</b>	56W
<b>Power Max.</b>	160W
<b>Lifespan</b>	Printer Mechanism: 100,000,000 pulses or above; 50km or above
<b>Environment</b>	Work Temp. & Humidity: 0~45°C, 35~85%RH Storage Temp. & Humidity: -10~50°C, 10~90%RH
<b>Sizes</b>	215x145x140mm
<b>Net Weight</b>	1.25KG



## Barcode Printer

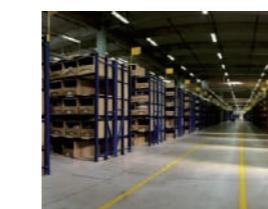
### AB-F920

- Speed up to 150mm/s
- LCD display
- 1D, 2D barcode are available
- Reliable and low cost

### SPECIFICATIONS

<b>Print Methods</b>	Thermal transfer or direct thermal
<b>Resolution</b>	203DPI
<b>MAX Print Speed</b>	MAX 250mm/s
<b>Paper Type</b>	Width: 112 mm Length: 12~2286mm Thickness: 0.2mm Weight: MAX 240g/m <sup>2</sup> MAX Diameter: Built-in roll paper max diameter 110mm External roll paper max diameter 214mm
<b>Ribbon Type</b>	Winding type: According to outward printing side Roll inner diameter: φ25.7±0.3mm Paper gap: 0.2mm Ribbon form: Winding drum Ribbon Width: MAX 110mm MIN 40mm MAX Ribbon External Diameter: φ67mm
<b>Character Set</b>	ANK, Chinese (GB2312)
<b>Buffer Size</b>	4MB
<b>Interface</b>	USB, parallel
<b>Power</b>	INPUT: 110-240V, 50-60HZ; OUTPUT: DC 24V...2A
<b>Dimension</b>	L306mm x W228mm x H185mm

## Reference Applications



- Retail**
- Ideal for Industrial supply chain
  - Goods Labelling
  - Transportation and logistics
  - Retail
  - Public service





# ELECTRONIC CASH REGISTER



## ZQ-ECR 100



- Establish or edit commodity data through PC software with downloading and uploading functions;
- Powerful sale functions with multi selling ways and supports change price, holding bill, refund etc;
- Modify system configurations through PC software to make operation more convenient and clear;
- Powerful report functions support users to create reports at any time period and in many useful forms such as PTD report, stock report, shortage report, configuration report etc;
- Support restaurant functions: dishes with tastes option, meal set selling functions are available;
- Member management makes marketing easier.

### SPECIFICATIONS

CPU	ARM 7
Printer Head	1-Station Thermal
Printing Speed	Max:60mm/s
Paper Supply Method	Easy-Loading paper
Paper Width	58mm
Operator Display	Numeric display (9-character LED)
Customer Display	6 digits LED
Keyboard	47 Keys
Departments	16
Clerks	8
Interface	1XRS232,1XPS2
Cash Drawer	9V cash drawer
Power Supply	Switch power
PLUs	Max. 200
Memory Billing	Yes
Customer Management	No
Stock Management	Yes
Profit Analysis	Yes
Back-up Battery	No
Dimension (W*L*H)	295 x 345 x 250mm



## ZQ-ECR 1200



- Establish or edit commodity data through PC software with downloading and uploading functions;
- Powerful sale functions with multi selling ways and supports change price, holding bill, refund etc;
- Modify system configurations through PC software to make operation more convenient and clear;
- Powerful report functions support users to create reports at any time period and in many useful forms such as PTD report, stock report, shortage report, configuration report etc;
- Support restaurant functions: dishes with tastes option, meal set selling functions are available;
- Member management makes marketing easier.

### SPECIFICATIONS

CPU	ARM7
Printer Head	1-Station Thermal
Printing Speed	Max:60mm/s
Paper Supply Method	Easy-Loading paper
Paper Width	58mm
Operator Display	128x64 LCM
Customer Display	6 digits LED
Keyboard	39 Keys
Departments	100
Clerks	100
Interface	2XRS232, 1XPS2
Cash Drawer	9V cash drawer
Power Supply	Switch power
PLUs	Max. 4096
Memory Billing	Yes
Customer Management	Yes
Stock Management	Yes
Profit Analysis	Yes
Back-up Battery	No
Dimension (W*L*H)	340x380x250 mm



## ZQ-ECR 110



- Establish or edit commodity data through PC software with downloading and uploading functions;
- Powerful sale functions with multi selling ways and supports change price, holding bill, refund etc;
- Modify system configurations through PC software to make operation more convenient and clear;
- Powerful report functions support users to create reports at any time period and in many useful forms such as PTD report, stock report, shortage report, configuration report etc;
- Support restaurant functions: dishes with tastes option, meal set selling functions are available;
- Member management makes marketing easier.

### SPECIFICATIONS

CPU	ARM 7
Printer Head	1-Station Thermal
Printing Speed	Max:60mm/s
Paper Supply Method	Easy-Loading paper
Paper Width	58mm
Operator Display	128x64 LCM
Customer Display	6 digits LED
Keyboard	47 Keys
Departments	100
Clerks	99
Interface	1XRS232,1XPS2,1XUSB
Cash Drawer	9V cash drawer
Power Supply	Switch power
PLUs	Max.2560
Memory Billing	Yes
Customer Management	No
Stock Management	Yes
Profit Analysis	Yes
Back-up Battery	No
Dimension (W*L*H)	267 x 266 x 105mm



## ZQ-ECR 1000AF



- Establish or edit commodity data through PC software with downloading and uploading functions;
- Powerful sale functions with multi selling ways and supports change price, holding bill, refund etc;
- Modify system configurations through PC software to make operation more convenient and clear;
- Powerful report functions support users to create reports at any time period and in many useful forms such as PTD report, stock report, shortage report, configuration report etc;
- Support restaurant functions: dishes with tastes option, meal set selling functions are available;
- Member management makes marketing easier.

### SPECIFICATIONS

CPU	ARM 7
Printer Head	1-Station Thermal
Printing Speed	Max:60mm/s
Paper Supply Method	Easy-Loading paper
Paper Width	58mm
Operator Display	128x64 LCM
Customer Display	6 digits LED
Keyboard	59 Keys
Departments	100
Clerks	100
Interface	2XRS232,1XPS2
Cash Drawer	9V cash drawer
Power Supply	Switch power
PLUs	Max. 10240
Memory Billing	Yes
Customer Management	Yes
Stock Management	Yes
Profit Analysis	Yes
Back-up Battery	Option
Dimension (W*L*H)	350 x 400 x 270 mm



## ZQ-ECR800



- Establish or edit commodity data through PC software with downloading and uploading functions;
- Powerful sale functions with multi selling ways and supports change price, holding bill, refund etc;
- Modify system configurations through PC software to make operation more convenient and clear;
- Powerful report functions support users to create reports at any time period and in many useful forms such as PTD report, stock report, shortage report, configuration report etc;
- Support restaurant functions: dishes with tastes option, meal set selling functions are available;
- Member management makes marketing easier.

### SPECIFICATIONS

CPU	ARM 7
Printer Head	1-Station Thermal
Printing Speed	Max:60mm/s
Paper Supply Method	Easy-Loading paper
Paper Width	58mm
Operator Display	128x64 LCM
Customer Display	6 digits LED
Keyboard	48 Keys
Departments	100
Clerks	100
Interface	1XRS232,1XPS2
Cash Drawer	9V cash drawer
Power Supply	Switch power
PLUs	Max. 2000
Memory Billing	Yes
Customer Management	No
Stock Management	Yes
Profit Analysis	Yes
Back-up Battery	No
Dimension (W*L*H)	295 x 345 x 250mm



## ZQ-ECR2200A



- Establish or edit commodity data through PC software with downloading and uploading functions;
- Powerful sale functions with multi selling ways and supports change price, holding bill, refund etc;
- Modify system configurations through PC software to make operation more convenient and clear;
- Powerful report functions support users to create reports at any time period and in many useful forms such as PTD report, stock report, shortage report, configuration report etc;
- Support restaurant functions: dishes with tastes option, meal set selling functions are available;
- Member management makes marketing easier.

### SPECIFICATIONS

CPU	ARM 7
Printer Head	1-Station Thermal
Printing Speed	Max:60mm/s
Paper Supply Method	Easy-Loading paper
Paper Width	58mm
Operator Display	128x64 LCM
Customer Display	6 digits LED
Keyboard	40 Keys
Departments	100
Clerks	100
Interface	2XRS232,1XPS2
Cash Drawer	9V cash drawer
Power Supply	Switch power
PLUs	Max. 4096
Memory Billing	Yes
Customer Management	Yes
Stock Management	Yes
Profit Analysis	Yes
Back-up Battery	No
Dimension (W*L*H)	209x310x140 mm





## ZQ-ECR3000AF

### SPECIFICATIONS



- Establish or edit commodity data through PC software with downloading and uploading functions;
- Powerful sale functions with multi selling ways and supports change price, holding bill, refund etc;
- Modify system configurations through PC software to make operation more convenient and clear;
- Powerful report functions support users to create reports at any time period and in many useful forms such as PTD report, stock report, shortage report, configuration report etc;
- Support restaurant functions: dishes with tastes option, meal set selling functions are available;
- Member management makes marketing easier.

<b>CPU</b>	ARM7
<b>Printer Head</b>	1-Station Thermal
<b>Printing Speed</b>	Max:60mm/s
<b>Paper Supply Method</b>	Easy-Loading paper
<b>Paper Width</b>	58mm
<b>Operator Display</b>	128x64 LCM
<b>Customer Display</b>	6 or 10 digits LED
<b>Keyboard</b>	93 Keys
<b>Departments</b>	100
<b>Clerks</b>	100
<b>Interface</b>	2XRS232, 1XPS2
<b>Cash Drawer</b>	9V cash drawer
<b>Power Supply</b>	Switch power
<b>PLUs</b>	Max. 10240
<b>Memory Billing</b>	Yes
<b>Customer Management</b>	Yes
<b>Stock Management</b>	Yes
<b>Profit Analysis</b>	Yes
<b>Back-up Battery</b>	Option
<b>Dimension (W*L*H)</b>	350x400x270 mm

## POLE DISPLAY SERIES



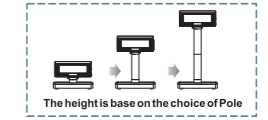
ZQ-VFD2300



INTERFACE	USB & RS232
POWER	DC12V 1A
CHARACTERS	20x2 lines
CHARACTER TYPE	96 ASCII
CHARACTER FONT	5x7
SUPPORT HEIGHT	171mm/171+120mm
WEIGHT	About 1.0Kg



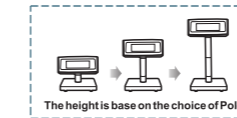
ZQ-VFD510



INTERFACE	USB & RS232
POWER	DC12V 1A
CHARACTERS	20x2 lines
CHARACTER TYPE	96 ASCII
CHARACTER FONT	5x7
DISPLAY PANEL	170x74x65mm
SUPPORT HEIGHT	135mm/135+120mm/135+120+120mm
BASE SIZE	187x83x23mm
WEIGHT	About 0.6Kg



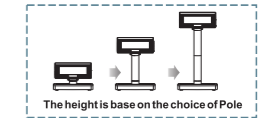
ZQ-LCD2200



INTERFACE	RS 232
POWER	DC 5V 1A
CHARACTERS	20x2 lines
CHARACTER TYPE	96 ASCII
CHARACTER FONT	12x24
SUPPORT HEIGHT	171+120+120mm
WEIGHT	About 1.0Kg



ZQ-LED550



INTERFACE	RS232
POWER	DC5V 1A
CHARACTERS	10 Digit
CHARACTER TYPE	0-9
DISPLAY PANEL	170x74x65mm
SUPPORT HEIGHT	135mm/135+120mm/135+120+120mm
BASE SIZE	187x83x31mm
WEIGHT	About 0.6Kg



## ZQ-ECR4000AF

### SPECIFICATIONS



- Establish or edit commodity data through PC software with downloading and uploading functions;
- Powerful sale functions with multi selling ways and supports change price, holding bill, refund etc;
- Modify system configurations through PC software to make operation more convenient and clear;
- Powerful report functions support users to create reports at any time period and in many useful forms such as PTD report, stock report, shortage report, configuration report etc;
- Support restaurant functions: dishes with tastes option, meal set selling functions are available;
- Member management makes marketing easier.

<b>CPU</b>	ARM 7
<b>Printer Head</b>	1-Station Thermal
<b>Printing Speed</b>	Max:60mm/s
<b>Paper Supply Method</b>	Easy-Loading paper
<b>Paper Width</b>	58mm
<b>Operator Display</b>	128x64 LCM
<b>Customer Display</b>	6 or 10 digits LED
<b>Keyboard</b>	Flat keyboard 93 Keys
<b>Departments</b>	100
<b>Clerks</b>	100
<b>Interface</b>	2XRS232, 1XPS2
<b>Cash Drawer</b>	9V cash drawer
<b>Power Supply</b>	Switch power
<b>PLUs</b>	Max. 10240
<b>Memory Billing</b>	Yes
<b>Customer Management</b>	Yes
<b>Stock Management</b>	Yes
<b>Profit Analysis</b>	Yes
<b>Back-up Battery</b>	Option
<b>Dimension (W*L*H)</b>	350x400x270 mm



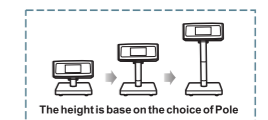
ZQ-8DLII



INTERFACE	RS232
POWER	DC5V 1A
DISPLAY DIGITAL	8
SUPPORT HEIGHT	171mm/171+120mm
WEIGHT	About 1.0Kg



ZQ-LCD490



INTERFACE	USB & RS232
POWER	DC 5V 1A
CHARACTER TYPE	96 ASCII
CHARACTER FONT	8x16
SUPPORT HEIGHT	135mm/135+120mm/135+120+120mm
DISPLAY SIZE	61.2x32mm
WEIGHT	About 0.6Kg

## Reference Applications



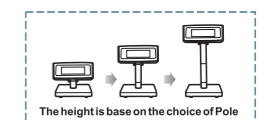
ZQ-VFD2500



INTERFACE	USB & RS232
POWER	DC12V 1A
DISPLAY RANGE	24(lines)x120(columns)
CHARACTERS	20chars/line
CHARACTERS FONT	6x12
SUPPORT HEIGHT	171mm/171+120mm
WEIGHT	About 1.0Kg



ZQ-LCD530



INTERFACE	USB & RS232
POWER	DC5V 1A
CHARACTER TYPE	96 ASCII
CHARACTER FONT	8x16
LCD PANEL	98x24mm
SUPPORT HEIGHT	135mm/135+120mm/135+120+120mm
DISPLAY SIZE	98x24mm
WEIGHT	About 0.6Kg



## Programmable POS Keyboard



### ZQ-KB95

- The professional POS keyboard has card support and keyboard lock setting, with optional card swiping function.
- This product is robust and durable, and easy to operate.

### SPECIFICATIONS

- 95keys
- 4 positions lock
- Programmable keyboard

## Cash Drawer



### ZQ-415D

- This series of cashbox has good compatibility, stainless steel enclosure and RJ-11 interface.
- The relevant settings have the 3,4,5paper currency slots and 8 coin spaces available.

### SPECIFICATIONS

- 3-position locks
- Noiseless Track
- 4-bill and 6-coin compartments
- With check slot
- Separated pulled out drawer box for cash and coins
- Size:420(W)X445(D)X100(H)

## Cash Drawer



### ZQ-170A

- Vertical Bill Case
- Industrial Grade Material
- Three-position Key Lock
- Wide Compatibility
- Cable Cover
- 6 Bills & 8 Coins

### SPECIFICATIONS

- |                              |                                       |
|------------------------------|---------------------------------------|
| <b>Dimension</b>             | 460x170x100mm                         |
| <b>N.W.</b>                  | 3.5kg                                 |
| <b>Bill Tray / Coin Tray</b> | 6B8C                                  |
| <b>Cover</b>                 | Lockable cover                        |
| <b>Bill holders</b>          | Metal wire gripper                    |
| <b>Dividers</b>              | Vertical plastic divider              |
| <b>Roller</b>                | Heavy Duty Plastic Rollers            |
| <b>Key Lock</b>              | Three position key lock               |
| <b>Media Slot</b>            | Single                                |
| <b>I/O Interface</b>         | RJ11                                  |
| <b>Solenoid</b>              | 9~24V Compatible                      |
| <b>Cable Connection</b>      | External Cable on Rear                |
| <b>Emergency Opener</b>      | Emergent Release Lever on the chassis |
| <b>Global Currency</b>       | US, Canada, Euro, Asia                |
| <b>Cable Length</b>          | 1.3m                                  |
| <b>Durability</b>            | 1000000 cycles                        |

## Wireless Laser Scanner

### ZQ-L56055



### SPECIFICATIONS

- |                               |  |
|-------------------------------|--|
| <b>Wireless Base Barcodes</b> | Yes<br>EAN8, EAN13, EAN128, JAN8, JAN13, UPC-A, UPC-E, CODE11, CODE39, CODE93, CODE128, CODE-BAR, Inter-Leaved 2/5, Standard 2/5, MSI-PLESSER, RSS-14, RSS-Limited, RSS-Expanded |
| <b>Automatic Scan</b>         | No   |
| <b>Continuous Scan</b>        | Yes  |
| <b>Collimation</b>            | Line   |
| <b>Scan Depth</b>             | 0~550mm  |
| <b>Scan Speed</b>             | 50 scans/sec   |
| <b>Error Rate</b>             | 1/8,000,000  |
| <b>Cable Length</b>           | 1.5m   |
| <b>Offline Storage</b>        | Support  |
| <b>Battery</b>                | 3.7V 1100mAh   |
| <b>Wireless Distance</b>      | Random Mode: 23m   |
| <b>Power Supply</b>           | External DC Input  |
| <b>Box Size</b>               | 330x235x80mm   |
| <b>G.W.</b>                   | 750g   |
| <b>Carton Size</b>            | 480x340x440m   |
| <b>CTN. G.W.</b>              | 8.5kg  |
| <b>QTY. PER CTN.</b>          | 10   |

## Handheld Laser Scanner

### ZQ-L56000 II



### SPECIFICATIONS

- 1D handheld laser scanner
- Wider width of field than a typical CCD
- Scan rate at 74 reads/sec for single line scanning
- Ultra low error rate at 1/million
- Small size with manual and automatic scanning mode
- Two popular data ports: PS2, USB

- |                              |  |
|------------------------------|--|
| <b>Light Source</b>          | 650nm Laser  |
| <b>Application</b>           | Handheld or Put on stand   |
| <b>Error Rate</b>            | 1/1,000,000  |
| <b>Decode Capability</b>     | UPC-A, UPC-E, Industrial 2 of 5, EAN8, EAN13, Code 128, EAN128, Code39, Code93, Codabar 125 etc. |
| <b>Support Interface</b>     | PS2, USB   |
| <b>Scan Mode</b>             | Manual / Automatic / Continue Scanning   |
| <b>Readable Distance</b>     | 25cm (250cm <sup>2</sup> ); 19.5cm (125cm <sup>2</sup> ); 8cm (small area)                       |
| <b>Data Transfer Speed</b>   | RS232 Baud rate 2400 ~ 38400   |
| <b>Scan Precision</b>        | 0.10mm (4mil)  |
| <b>Scan Width</b>            | 60mm @ 30mm (distance); 90mm @ 100m (distance)   |
| <b>Scan Depth</b>            | 10-420mm (pcs0.9, density0.25)   |
| <b>Scan Speed</b>            | 74 reads/sec   |
| <b>Power Voltage</b>         | DC 5V  |
| <b>Environment Luminance</b> | Sunlight 3000 lux max  |
| <b>EMC</b>                   | CE&FCC   |
| <b>Sizes (L x W x H)</b>     | 160mm x 65mm x 90mm  |
| <b>Material</b>              | ABS, PC, TE  |
| <b>Weight</b>                | 139g (without cable)   |

## Omnidirectional Laser Scanner

### ZQ-L57025



### SPECIFICATIONS

- 24 scan lines in 6 scan directions at scan speed of 2000 scans/sec;
- Support all 1D barcodes including code bar GS1;
- High identification ability of damaged barcodes and substandard barcodes;
- Automatic Sleeping & Wake-up modes save power and improve lifespan;
- Modern design and compact size make the best choice for various users.

- |                                 |  |
|---------------------------------|--|
| <b>Scan Mode</b>                | All direction , 24 lines (Automatic continuous scanning)   |
| <b>Indicator</b>                | Beeper and LED (stand by red, good read green)   |
| <b>Read Rate</b>                | 2000 scans/sec   |
| <b>Rotate Camera</b>            | 1~36°  |
| <b>Transfer Rate</b>            | RS232baudrate: 2400-38400  |
| <b>Resolution</b>               | 5mil   |
| <b>Depth of Field</b>           | up to 230mm @ 13mil  |
| <b>Light Source</b>             | 650nm ± 10nm visible laser diode   |
| <b>Print contrast</b>           | Above 30% Black  |
| <b>Interface</b>                | USB-HID, USB-UART, PS/2, RS232   |
| <b>Decode Type</b>              | UPC-A, UPC-E, EAN-13, EAN-8, ISBN/ISSN, Code39, CODABAR, Interleaved 2 of 5, Industrial 2 of 5, Chinese 2 of 5, Code128, Code93, Code11 MSI/PLESSEY, UK/PLESSEY, UCC/EAN128, China Postage |
| <b>Input Voltage</b>            | +5V DC, 250mA  |
| <b>Output</b>                   | 1.25W  |
| <b>Power Source</b>             | Keyboard wedge, RS-232 or USB from host system   |
| <b>Dustproof and Waterproof</b> | IP54   |
| <b>Illumination</b>             | Max. 4800LUX   |
| <b>Dimensions</b>               | 112mmL x 102mmW x 147mmH   |
| <b>Weight</b>                   | Approx. 360g   |
| <b>Color Options</b>            | White / Black  |
| <b>Cable</b>                    | 2m   |
| <b>Interface Type</b>           | RJ-45  |

## A4 Lottery Reader



### ZQ-480M

- Any Angle Betting Slip Recognition
- Any Angle Lottery Recognition
- Reading Range Wide
- Reading The Lottery Fast
- High Recognition Rate
- Support One Dimension Bar Code And Two Dimension Bar Code
- Support More Than 40 Kinds Of Betting Slip
- Easy To Mount And Easy To Maintain

## Double Sides Cards Scanner



### ZQ-2805

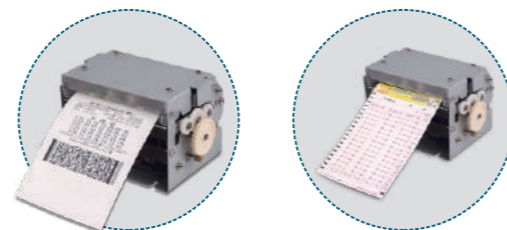
- Single / double scanning (optional)
- Image encryption, the encrypted information can be edited
- Online firmware upgrade function
- Scan both sides at the same time
- Image upload
- Front in and front out
- Image resolution 300dpi (optional)
- Connect with PC, can control the printer to print the scanned image
- Both sides of the ID card image distribution on a piece of paper, meet the copies archiving function of bank and other fields

## A6 Lottery Reader



### ZQ-481M

- Reading The Lottery Fast
- High Recognition Rate
- Support One Dimension Bar Code And Two Dimension Bar Code
- Support More Than 40 Kinds Of Betting Slip
- Easy To Mount And Easy To Maintain



## Double-Sides Scanning Module



### ZQ-288M

- Two-sided scanning (optional)
- Image encryption, the encrypted information can be edited
- Firmware online upgrade function
- Scan both sides at the same time
- Image upload
- Front in and front out
- Image resolution 600dpi
- Power down return card
- Forced return card



