



POS Display

LCD Panel			
LCD Size	8.4" TFT LCD	10.4" TFT LCD	12.1" TFT LCD
Brightness	220 cd/m ²	230 cd/m ²	200 cd/m ²
Resolution	800 x 600	800 x 600	800 x 600
Display Area	170 x 128mm	211 x 158mm	246 x 185mm
Tempered Glass	Thickness 2 mm. Hardness 6~7 H. Light transmittance 96%		
Touch Screen	ELO Resistive type (Option, replace Tempered Glass)		
Tilt Angle	-5° ~ 35°		
I/O Ports			
VGA	1		
Serial	1xRS232, support touch screen		
DC Power Input	+12V/2A from DC input jack		
Panel Control (from left to right)			
Buttons	Power, Menu, Up, Down, Enter (Control Buttons on rear bezel, with cover for security)		
Wall Mount			
Power Supply	VESA standard 75x75mm or 100x100mm on LCD Panel		
Power Supply	FT-8040 External 40W DC		
Dimension			
LCD Panel(WxL)	220x160mm ; 8.7"x6.3"	250x190mm ; 9.8"x7.5"	300x223mm ; 11.8"x8.8"
Height	76 / 178 / 305mm ; 3" / 7" / 12" (measured from the tabletop to lower edge of the LCD Panel)		
Base (diameter)	203mm; 8"		
Operating Temperature	5°C ~ 35°C (41°F ~ 95°F)		

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POS *Display & Peripheral*

The POS Peripherals

Magnetic Card Reader

- Track Read: ISO 1,2,3 (IATA, ABA, THRIFT/MINTS)
- Serial, Keyboard, or USB interface is available
- Conform to ISO-7810-7813 Standards
- Scanning Speed: 100-1000 mm/sec
- Reader Indicator: Beeper & LED
- Power Requirement: DC +5V ± 5%, 28mA
- Dimension (WxDxH): 9x3.5x2.6cm
- Net Weight: Approx. 150g
- Operation: 0°C~50°C; 20%~85% relative humidity
- P/N: P07009 for Serial interface
P07010 for Keyboard interface, P07015 for USB interface



Bar Code Card Reader

- Scanning Speed: 100-1000 mm/sec
- Reader Indicator: Beeper & LED
- Serial, Keyboard, or USB interface is available
- Code Read: UPC/EAN/JAN & Addon 2/5, Code 39, Code 39 Full ASCII, Interleave 25, Industrial 25, Matrix 25, China Postage, Code 128, Codabar/ NW7, Code 93, MSI/PLESSEY, Code 11, Code 32, BC 412.
- Resolution: 0.15mm (6 mil) / PCS 0.9
- Ambient Light: 3000 LUX (Fluorescent Light)
- Power Requirement: DC +5V ± 5%, 28mA
- Dimension (WxDxH): 9x3.5x2.6cm
- Net Weight: Approx. 150g
- Operation: 0°C~50°C; 20%~85% relative humidity
- P/N: P07007 for Serial interface
P07008 for Keyboard interface
P07014 for USB interface



Smart Card Reader

- Complies with PC/SC V. 1.0 standard and officially approved by Microsoft
- Supports Plug & Play, easy to install
- Card Read:
CPU Card: Complies with ISO7816/3 T=0 and T=1 protocol and interface
Memory Card: Synchronous 2-line, 3-line and I C interface
- Card Acceptor / Durability: Friction type with over 200,000 insertion cycles
- OS support: DOS, Windows Me, Windows NT4.0, Windows 9X / 2000 / XP
- Serial, Keyboard, or USB interface is available
- API Library, Demo Program and Demo Source code are provided.
- Power Requirement: DC +5V ± 5%, 100mA
Max. for Keyboard & 60mA Max. for USB
- Dimension (WxDxH): 7.2 x 8.5 x 1.7 cm
- Operation: 0°C~50°C; 20%~90% relative humidity
- P/N: P07011 for Serial interface
P07012 for Keyboard interface, P07013 for USB interface



CCD Scanner

- Lightweight (120g) for long time operation without fatigue.
- Suitable for very noisy or quiet working environment with special function of good-read VIBRATION.
- Solid and shock-proof design to withstand 1.7 meters drops to concrete surface.
- Wide reading aperture (80mm) to scan wider barcodes.
- Scan Speed: 100 scan/second
- Depth of Field: 0 ~ 30 mm
- Resolution: > 0.127 mm
- Print Contrast: 0.3 minimum
- Serial or PS2 interface is available.
- Code Read: UPC/EAN/JAN and Add-on 2/5, Code 39, Code 128, Codabar, ISBN, ISSN, China Postage, ITF 2 of 5, MTX 2 of 5, IND 2 of 5, Code 11, Code 93, Code IV, Code 32, MSI/Plessey, IATA
- Power Requirement: DC 5V + 10%; 100mA (scanning), 60mA (stand-by)
- Certifications: FCC class B, CE
- P/N: P07201 for Serial interface, P07202 for PS2 interface



Customer Display

- Vacuum Fluorescent Display (VFD)

- Data Display: 20 columns x 2 line or 12 columns x 1line
- Character type: 2x20 type: 96 alphanumeric/13 kinds of international character set / 1 kind of user defined character; 1 x 12 type: 10 numeric
- Character font: 2x20 type: 5 x 7 dot matrix; 9.0 x 5.25mm
1x12 type: 7 segment, dot matrix: 17.0 x 5.4mm
- User-defined characters and message can be downloaded.
(only for 2 x 20 type)
- Serial interface.
- Display color: Blue green
- Brightness: 700 cd/m²
- Power Requirement:
DC+9V~+18V;3~6W(2x20 type), 2~4W(1x12 type)
- Tilt angle 0° ~ 45°; Rotation angle Max. 270°
- Dimension: Base 19.7 x 10 cm (WxD); 19.5/28.5/56 cm(H)
- Net Weight: 1.25kg
- Operation: 5°C~45°C; 30%~85% relative humidity
- P/N: P07303



- Liquid Crystal Display (LCD)

- Data Display: 30 columns x 4 lines (alphanumeric)
or 15 columns x 4 lines (Chinese)
- Can be displayed as double height in 2 lines.
- Blue-White color and no filter are easy to see.
- Serial interface.
- LCD type: STN Blue Mono
- CCFL Back light mode
- Brightness: 100 cd/m²
- Power Requirement: DC +9V ~ +35V; 3 ~ 6W
- Tilt angle 0° ~ 45°; Rotation angle Max. 270°
- Character font:
8 x 16 dot matrix by alphanumeric (8.47 x 4.24mm)
16 x 16 dot matrix by Chinese character (8.47 x 8.47mm)
- Dimension: Base 19 x 9.6 cm (WxD); 19.5/28.5/56 cm(H)
- Net Weight: 0.9kg
- Operation: 5°C~45°C; 30%~85% relative humidity
- P/N: P07305



Programmable Keyboard

- All keys are fully relegendable
- Cherry mechanic key switch with 20millions operations.
- Standard Keyboard Wedge with 5-pin DIN(male)
PC AT type or PS2(male)
- External keyboard port connector: PS2(Female)
- Each key can be programmed up to 15 key codes
- User-configurable single, double and quad keycap functions
- Inter-character delay time
- Marcos saved in the keyboard and downloadable under DOS, Windows 95/98 & NT4.0
- Power Requirement: +5V± 5%, 40mA(excluding MSR)
- Operation: 5°C~50°C; 10%~85% relative humidity
- 8-positions key lock function
- Spill & dust proof

- 96keys Series Keyboard

- 96keys, 8 x 12 keyboard matrix
- Options Equipment: built-in Magnetic Card Reader.
- Dimension: w/MSR (WxDxH): 30 x 21.5 x 4.5cm
MSR (WxDxH): 27 x 21.5 x 4.5cm
- Net Weight: w/MSR: 1.5kg, w/o MSR: 1.25kg
- P/N: P07107 without MCR, P07108 with MCR



- 128keys series keyboard

- IBM compatible keyboard with 128 programmable functions keys
- Membrane key switch is available
- Options Equipment: built-in Magnetic Card Reader, Smart Card Reader.
- Dimension (WxDxH): 33.5 x 23.5 x 5.7cm
- P/N:Mechanic: P07101 without Card Reader
P07102 with MCR
P07103 with MCR and Smart Card Reader
Membrane: P07104 without Card Reader
P07105 with MCR
P07106 with MCR and Smart Card Reader

