

# POS80H 3" Thermal Receipt Printer

- Support Top or Front paper loading
- Compact footprint and ideal for limited counter spaces
- High printing speed up to 260mm/s
- 3 LED Status Indicators: Power, Paper, Error
- Low printing noise
- Provide Windows, Linux, POSReady, OPOS driver
- 2" & 3" printing paper widths available
- Versatile interfaces: USB, Serial, Ethernet, Bluetooth, Wi-Fi, Cashdrawer



## Specification

| Item          | Parameter                                                                                                                                           |                                                                  |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
| Printing      | Print Method                                                                                                                                        | Direct Thermal Line Printing                                     |
|               | Resolution                                                                                                                                          | Standard 203dpi (8dots/mm),<br>Emulated 180dpi(7dots/mm)         |
|               | Print Speed                                                                                                                                         | Max.260mm/s                                                      |
|               | Printing Width                                                                                                                                      | 80 mm                                                            |
| Interface     | Standard                                                                                                                                            | USB+Serial+Ethernet                                              |
|               | Optional                                                                                                                                            | USB+Bluetooth or USB+Wi-Fi                                       |
| Page Mode     | Support                                                                                                                                             |                                                                  |
| Memory        | RAM                                                                                                                                                 | 2 MB                                                             |
|               | Flash                                                                                                                                               | 4 MB                                                             |
| Fonts         | Chinese                                                                                                                                             | GBK 24×24dots                                                    |
|               | Alphanumeric                                                                                                                                        | ASCII 9×17, 12×24dots                                            |
|               | User-defined                                                                                                                                        | YES                                                              |
|               | Codepage                                                                                                                                            | 46                                                               |
| Barcode       | 1D                                                                                                                                                  | UPC-A, UPC-E, EAN8, EAN13, CODE39, ITF, CODEBAR, CODE128, CODE93 |
|               | 2D                                                                                                                                                  | PDF417, QR code                                                  |
| Graphics      | Support bitmap printing with different density and user defined bitmap printing. (Max size of each bitmap is 64K, the total size of bitmap is 256k) |                                                                  |
| Detection     | Standard                                                                                                                                            | Paper out sensor, cover open sensor                              |
|               | Optional                                                                                                                                            | Paper near end sensor                                            |
| LED Indicator | Power                                                                                                                                               | Blue LED                                                         |
|               | Paper                                                                                                                                               | Orange LED                                                       |
|               | Error                                                                                                                                               | Red LED                                                          |
| Reliability   | TPH life                                                                                                                                            | 150km                                                            |
|               | Cutter life                                                                                                                                         | 2 million cuts                                                   |

**Contact Dealer:**  
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|                       |                     |                                                                                         |
|-----------------------|---------------------|-----------------------------------------------------------------------------------------|
| Power Supply          | Input               | AC 100V-240V                                                                            |
|                       | Output              | DC 24V/2.0A                                                                             |
| Paper                 | Paper Type          | Thermal Receipt Paper                                                                   |
|                       | Paper Width         | 58mm/80mm                                                                               |
|                       | Paper Thickness     | 0.056~0.1mm                                                                             |
|                       | Roll Paper Diameter | Max. OD φ83mm                                                                           |
|                       | Paper Load          | Front or Top paper loading                                                              |
|                       | Paper Cut           | Partial cut or full cut                                                                 |
| Environment           | Operation           | 0°C~45°C, 25%~85%RH                                                                     |
|                       | Storage             | -30°C~60°C, 5%~95%RH                                                                    |
| Physical              | Dimension           | 134.8(L)x132(W)x132(H)mm                                                                |
| Characteristics       | Weight              | 1.37KG(Without paper roll)                                                              |
| Options & Accessories |                     | USB/Serial Cable, Paper Roll, Power Adapter, Power Cord, CD, Quick Start Guide          |
| Software              | Emulation           | ESC/POS                                                                                 |
|                       | Driver              | Windows2000/ XP /Win7/Win8 / Win10/POSReady/Linux/OPOS/ WinCE, Win Mobile, Android, iOS |
|                       | SDK                 |                                                                                         |

