# GS-8256



| Item | | Parameter |
|---|---|---|
| Printing parameter | Printing method | Thermal printing |
| | Resolution | 203DPI, 8 dots/mm |
| | Printing width | 72mm(576 dots) |
| | Printing speed | 300 mm/s |
| | Interfaces | Standard: cash drawer /USB interface<br>Optional: serial/parallel/Ethernet ports<br>Optional Wireless Communication: Wi-Fi or Bluetooth |
| Page mode | / | Support(Optional) |
| Command set | / | ESC/POS compatible commands |
| Storage | RAM | 4MB(POS80x/POS81x/POS82x)/8MB(POS83x), receive buffer area 1M bytes |
| | FLASH | 4MB(POS80x/POS81x/POS82x)/8MB(POS83x), NV bitmap 64K bytes |
| characters | Chinese | GB18030 24×24 |
| | Words, figures | ASCII 9×17,12×24 |
| | User-defined | Support |
| | Code pages | Optional international character sets 45<br>TRADITIONAL CHINESE<br>CHINESE<br>CP437 [U.S.A., Standard Europe]<br>Katakana<br>CP850 [Multilingual]<br>CP860 [Portuguese]<br>CP863 [Canadian-French]<br>CP865 [Nordic]<br>WCP1251 [Cyrillic]<br>CP866 Cyrillic #2<br>MIK[Cyrillic /Bulgarian]<br>CP755 [East Europe，Latvian 2]<br>Iran<br>CP862 [Hebrew]<br>WCP1252 Latin I<br>WCP1253 [Greek]<br>CP852 [Latina 2]<br>CP858 Multilingual Latin Ⅰ+Euro)<br>Iran II<br>Latvian<br>CP864 [Arabic]<br>ISO-8859-1 [West Europe]<br>CP737 [Greek]<br>WCP1257 [Baltic]<br>Thai<br>CP720[Arabic]<br>CP855<br>CP857[Turkish]<br>WCP1250[Central Europe] |

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|---|---|---|
| | | CP775<br>WCP1254[Turkish]<br>WCP1255[Hebrew]<br>WCP1256[Arabic]<br>WCP1258[Vietnam]<br>ISO-8859-2[Latin 2]<br>ISO-8859-3[Latin 3]<br>ISO-8859-4[Baltic]<br>ISO-8859-5[Cyrillic]<br>ISO-8859-6[Arabic]<br>ISO-8859-7[Greek]<br>ISO-8859-8[Hebrew]<br>ISO-8859-9[Turkish]<br>ISO-8859-15 [Latin 3]<br>Thai2<br>CP856 |
| Chart | / | Supports different density dots and images printings |
| | | Supports grating bitmap printing |
| | | Supports download bitmap printing, every bitmap size should less than 64K, and the total capacity of download bitmap is 64K. |
| Bar codes | 1D | UPC-A、UPC-E、EAN-8、EAN13、CODE39、ITF、CODEBAR、CODE128、CODE93 |
| | 2D | QR Code、 PDF417( POS83x/POS82x support) |
| Detection function | Sensor | Paper out, cover opened, paper will be lack(optional),un-take out printed paper(optional) |
| LED indicator | Power indicator | Green |
| | Paper out indicator | Red |
| | Error indicator | Red |
| Paper Requirement | Type | Standard thermal receipt paper |
| | Width | 79.5±0.5mm |
| | Thickness | 0.056~0.1mm |
| | Diameter | 80mm(Max) |
| Physical characteristics | Paper loading | Easy paper loading |
| | Paper cutting | Manual or automatically cut paper |
| | Operating condition | -10℃ ~ 50℃， 25% ~ 80%RH |
| | Storage condition | -40℃ ~ 70℃，≤93%RH（40℃） |
| | Outline dimension | 196.4mm×145mm×152mm（L×W×H） |
| | Weight | 1.1Kg |
| Reliability | TPH life | 100 km |
| | Cutter life | 1,000,000 times |
| | Motor life | 360,000 hours |
| Software function | Driver procedure | Windows（WIN7/WIN8/WIN10/Vista/XP/2000）<br>Ubuntu 12.04 32/64, Ubuntu 14.04 32/64 MAC |
| Power Supply | Printer | Input: 12VDC/3A(POS80x), 24VDC/2A(POS81x/POS82x/POS83x) |
| | Power Adapter | Input: 100-240VAC, 50/60Hz, 1.5A |