Features

★ Elegant and fashionable appearance
★ Easy paper loading, easy to use
★ 80mm big paper storage
★ With auto cutter, paper out detection
★ High printing speed, low noise
★ Can have different colors



Technical Parameters

★ Direct Line Thermal
★ Printing speed: 250mm/s
★ Reliability: 100km
★ Interface: USB / LAN / USB+LAN (optional)
★ Cash box control:DC 12-24V/1A
★ Power supply: DC 24V / 2.0A
★ Dimension(L*W*H): 197*145*152mm
★ Weight (N.W): 1.1kg



Paper cover's opening button



Switch button



80mm thermal receipt printer
Multi-Purpose printer with compact size

GS-8256

80mm thermal receipt printer

Specifications

Printing parameter	**Printing method**	Thermal printing
	Resolution	203DPI, 8 dots/mm
	Printing width	72mm(576 dots)
	Printing speed	Max: 250 mm/s
	Interfaces	Standard: cash drawer /USB interface Optional: serial/parallel/Ethernet ports 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, TRADITIONAL CHINESE, CHINESE, CP437 [U.S.A., Standard Europe], Katakana, CP850 [Multilingual], CP860 [Portuguese], CP863 [Canadian-French], CP865 [Nordic], WCP1251 [Cyrillic], CP866 Cyrillic #2, MIK[Cyrillic /Bulgarian], CP755 [East Europe, Latvian 2], Iran, CP862 [Hebrew], WCP1252 Latin I, WCP1253 [Greek], CP852 [Latina 2], CP858 Multilingual Latin Ⅰ+Euro), Iran II, Latvian, CP864 [Arabic], ISO-8859-1 [West Europe], CP737 [Greek], WCP1257 [Baltic], Thai, CP720[Arabic], CP855, CP857[Turkish], WCP1250[Central Europe], CP775, WCP1254[Turkish], WCP1255[Hebrew], WCP1256[Arabic], WCP1258[Vietnam], ISO-8859-2[Latin 2], ISO-8859-3[Latin 3], ISO-8859-4[Baltic], ISO-8859-5[Cyrillic], ISO-8859-6[Arabic], ISO-8859-7[Greek], ISO-8859-8[Hebrew], ISO-8859-9[Turkish], ISO-8859-15 [Latin 3], Thai2, 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**	50km
	Cutter life	1,000,000 times
	Motor life	360,000 hours
Software function	**Driver procedure**	Windows（WIN7/WIN8/WIN10/Vista/XP/2000） 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

2024-09

FC CE RoHS EMC

If the configurations are changed, please refer to the updated configurations.