

Gainscha

RECEIPT PRINTER GUIDE



Reliable and Innovative
www.gainscha.com.tw



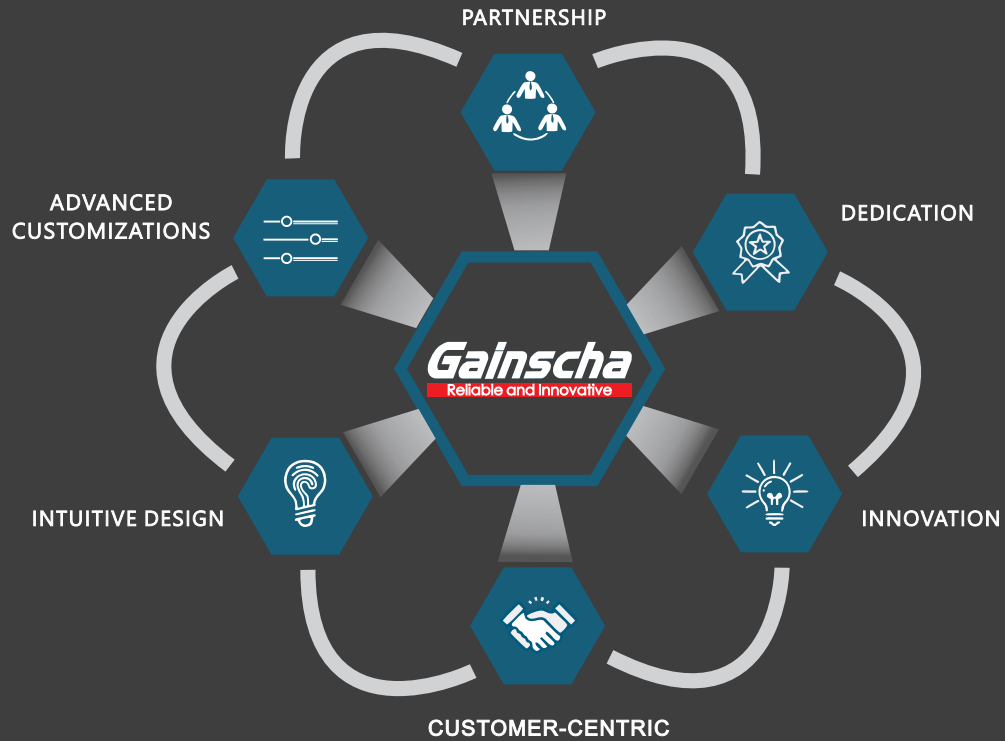
Reliable and Innovative

GAINSCHA is a leading global manufacturer in Barcode printer and POS Printer with a complete product line. We have a comprehensive operation platform integrating design, development, production, sales and services. Committed to introduce value-added printing products and services to commercial users in the retail, catering, government, logistics, healthcare, manufacturing and other segments around the world.

Established in 1999, we have a self-owned production plants with more than 40,000 square meters and hired more than 600 employees located in Zhuhai, China. We specialize in innovation, quality and reliability. Our R&D staff is close to half of the total number of employees, it enhanced our ability to the short cycle product development. We have owning over 50 national patents on the key technology of thermal printing and will consistently adhered to the independent research and product development. Besides the core Barcode-Receipt printing business, we have introduced Printing mechanism and Android label printer terminal to meet the diversified printing needs of the commercial market.

We focus not only on our research and development , but also open collaborations. We have a strong network in exporting to Europe, USA, Canada, South America, Africa, Asia and etc recently. We welcome deep partnership opportunities in all over the world, being one of your most reliable manufacturing partner.

Brand Value



Product Application



Restaurant



Takeaway order



Store



Supermarket



Hotel

NEW! Premium POS Printer

- New Generation Thermal Printer
- High Resolution Printing
- Environmentally Friendly
- Continue to provide high-value technology and service
- For smart retail, restaurant, hotel, healthcare Industry



300dpi

203dpi

Delicate Print Quality Reduce Paper Usage



Premium New Generation Receipt Printer GA-S300

Premium New Generation Receipt Printer GA-S300

Key Features

Advanced Paper-saving Design

- Support 50% more content printed compared with traditional printer in the same page length
- Help reduce paper usage by 30% at least

Delicate Receipt Printing, Help Improve Brand Image

- 300dpi print resolution to set new industry standard
- More exquisite text, brand logo, 2D barcode printing in receipts, coupons, tickets

Connect to Multiple Devices Simultaneously

- Built-in USB, RS232, Ethernet standard communication ports
- Three interface data flow will not mix, all receipts can be completely printed when three interface received the printing data at the same time
- USB Real - and USB Virtual COM port - mode supported
- Support extended function, Wi-Fi / Bluetooth options, firmware maintainable, it meets the needs both now and in the future

Compatible Driver and System

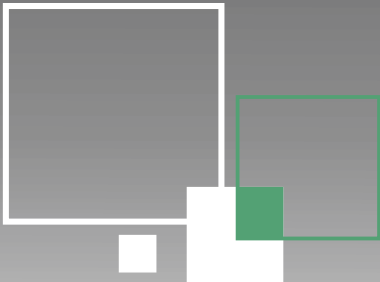
- Windows, Linux, OPOS
- EPSON ESC/POS, STAR Line/T

Easy to Set Up Features

- Front LED display for tool-less printer settings
- Easy to install Windows driver through simple operation in U disk mode

Premium New Generation Receipt Printer GA-S300

Model	GA-S300
Print Method	Direct thermal line
Emulation	ESC/POS & Line/T
Paper width	79.5mm±0.5mm
Print width	63/72mm
Resolution	300dpi
Paper roll	83mm diameter max.
Print speed	200mm/s(max)
Paper thickness	0.06~0.08mm
Interface	Serial+USB+Ethernet (Standard), WiFi/Bluetooth (Optional)
Barcode type	UPC-A/UPC-E/JAN13(EAN13)/JAN8(EAN8)CODE39/ ITF/CODABAR/CODE93/CODE128/QRCODE
Power supply	DC 24V 2.5A
Cash drawer	DC 24V 1A
Print head life	150km
Auto cutter life	1 million cuts
Operating system	Support Windows/Linux/OPOS driver
Net Weight	1.23KG
Dimension	160 x 132 x 123mm





**PRINT BETTER
CREATE MORE**



Premium Front-exit Receipt Printer GA-F3300

Premium Front-exit Receipt Printer GA-F3300

Key Features

Paper-saving, Environmental friendly

- 300dpi print resolution to set new industry standard
- Support 50% more content printed, compared with 203dpi resolution printing in same page length, help reduce paper usage by 30% at least

Fast Transaction Time

Front paper exit with auto cutter, smooth paper feeding without paper jam, efficient operation

Connect to Multiple Devices Simultaneously

- Built-in USB, RS232, Ethernet standard communication ports
- Three interface data flow will not mix, all receipts can be completely printed when three interface received the printing data at the same time.
- USB UTP - and USB Virtual COM port - mode supported
- Support extended function, Wi-Fi / Bluetooth option, firmware maintainable and convenient for upgrade and development, it meets the needs both now and in the future.

Compatible Driver and System

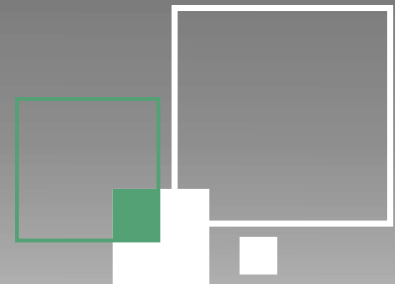
- Windows, Linux, OPOS
- EPSON ESC/POS, STAR Line/T

Easy to Operate Features

Easy Windows driver installation through simple operation in U disk mode

Premium Front-exit Receipt Printer GA-F3300

Model	GA-F3300
Print Method	Direct thermal line
Emulation	ESC/POS & Line/T
Paper width	79.5mm±0.5mm
Print width	63/72mm
Resolution	300dpi
Paper roll	83mm diameter max.
Print speed	200mm/s
Paper thickness	0.06~0.08mm
Interface	Serial+USB+Ethernet(Standard), WiFi/Bluetooth (Optional)
Data buffer	128K bytes
Barcode type	UPC-A/UPC-E/JAN13(EAN13)/JAN8(EAN8)CODE39/ ITF/CODABAR/CODE93/CODE128/QRCODE
Power supply	Input: AC 100V/240V, 50~60Hz Output: DC 24V/2.5A
Cash drawer	DC 24V 1A
Print head life	150km
Auto cutter life	1.5 million cuts
Operating system	Support Windows/Linux/OPOS driver
Net Weight	1.35KG
Dimension	136 x 197 x 141mm





80mm Thermal Receipt Printer GA-F350

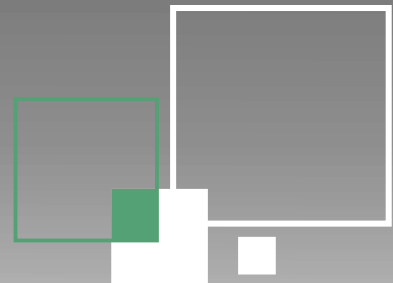
Key Features

- Thermal receipt, coupon, ticket printing solution
- Integrated print mechanism and cutter, more durable and reliable
- Easy paper loading and easy front-feeding access
- 300mm/sec high print speed
- Front paper exit with auto cutter prevent paper jam
- Dual LED indicators for printing and error status
- Support receipt detection and alarm function if not taken away
- Built-in loudspeaker, ideal for kitchen, supermarket
- Support black mark detection, black mark can be in left, right, middle on reverse of paper. Paper can go forward and backward through command control
- Support IE Browser and cross network easily to set printer IP



80mm Thermal Receipt Printer GA-F350

Model	GA-F350
Print Method	Direct thermal line
Emulation	ESC/POS & Line/T
Paper width	79.5mm±0.5mm
Print width	64/72mm
Resolution	300dpi
Paper roll	83mm diameter max.
Print speed	300mm/s
Paper thickness	0.06~0.08mm
Interface	Serial+USB+Ethernet, USB+Wi-Fi, USB+Bluetooth
Data buffer	128K bytes
Barcode type	UPC-A/UPC-E/JAN13(EAN13)/JAN8(EAN8)CODE39/ ITF/CODABAR/CODE93/CODE128/QRCODE
Power supply	Input: AC 100V/240V, 50~60Hz Output: DC 24V/2.5A
Cash drawer	DC 24V 1A
Print head life	150km
Auto cutter life	1.5 million cuts
Operating system	Support Windows/Linux/OPOS driver
Net Weight	1.35KG
Dimension	136 x 197 x 141mm



Classis Series, Steady Selling

- High productivity receipt, ticket Printer
- Multi-functional, meet multi-scene demand
- Market proven performance, popular in global market
- Function upgrade, gray scale setting, better quality printout





80mm Thermal Receipt Printer GP-U80300I

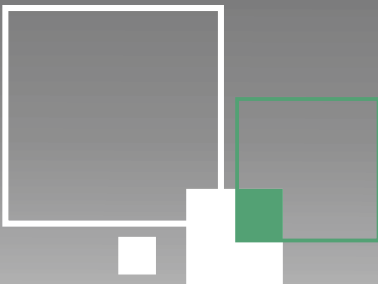
Key Features

- High reliability, market proven quality and features
- The printer is compact in size and beautiful in appearance
- Compatible with EPSON ESC/POS and STAR Line/T command sets
- Support paper end and black mark detection
- Connect and printer faster, stop Receipt misprinting
- Use 100M network card, connect and print faster
- Virtual serial port mode, USB port support OPOS application
- 300mm/sec high-speed printing
- Built in Web page to set up printer directly
- Support 2D barcode printing.



80mm Thermal Receipt Printer GP-U80300I

Model	GP-U80300I
Print Method	Direct thermal line
Emulation	ESC/POS & Line/T
Paper width	79.5mm±0.5mm
Print width	64/72mm
Resolution	203dpi
Paper roll	83mm diameter max.
Print speed	300mm/s
Paper thickness	0.06~0.08mm
Interface	Serial+USB+Ethernet; Parallel+USB
Data buffer	128K bytes
Barcode type	UPC-A/UPC-E/JAN13(EAN13)/JAN8(EAN8)CODE39/ ITF/CODABAR/CODE93/CODE128/QRCODE/PDF417
Power supply	Input: AC 100V/240V, 50~60Hz Output: DC 24V/2.5A
Cash drawer	DC 24V 1A
Print head life	150km
Auto cutter life	1.5 million cuts
Operating system	Support Windows/Linux/OPOS driver
Net Weight	1.25KG
Dimension	175 x 140 x 137mm





80mm Thermal Receipt Printer GP-U80300II

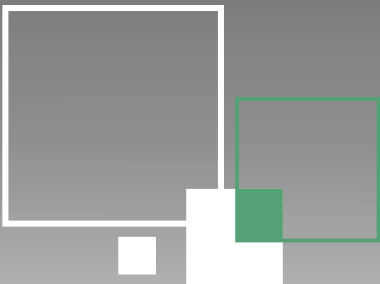
Key Features

- High reliability, market-proven quality and printer features
- Small footprint and attractive design
- Compatible with ESC/POS and Line/T command sets
- 300mm/sec high printing speed
- Excellent NV Logo, 1D, 2D (QRCODE, PDF417) bar code printing
- Serial USB Ethernet interface all in one
- Parallel USB interface optional
- Support connecting with Windows, Linux and OPOS O.S
- USB virtual com port mode selectable
- Built-in webconfig page for easy Ethernet set up via IE browser
- Various international code page selectable



80mm Thermal Receipt Printer GP-U80300II

Model	GP-U80300II
Print Method	Direct thermal printing
Emulation	ESC/POS & Line/T
Paper width	79.5mm±0.5mm
Print width	64/72mm
Resolution	203dpi
Paper roll	83mm diameter max.
Print speed	300mm/s
Paper thickness	0.06~0.08mm
Interface	Serial+USB+Ethernet, or Parallel+USB
Data buffer	128K bytes
Barcode type	UPC-A/UPC-E/JAN13(EAN13)/JAN8(EAN8)CODE39/ ITF/CODABAR/CODE93/CODE128/QRCODE/PDF417
Power supply	Input: AC 100V/240V, 50~60Hz Output: DC 24V/2.5A
Cash drawer	DC 24V 1A
Print head life	150km
Auto cutter life	1.5 million cuts
Operating system	Support Windows/Linux/OPOS driver
Net Weight	1.23KG
Dimension	139 x 181 x 127mm





80mm Thermal Receipt Printer GP-U80300III

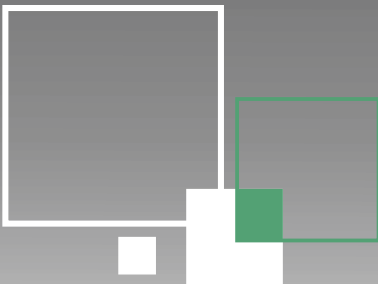
Key Features

- Build the up-to-date features, firmware maintainable (GA-U300III)
- Print density, print speed adjustable for ideal print quality
- New utility to check print length, the number of paper cuts
- EPSON ESC/POS and STAR Line/T emulation compatible
- 300mm/s ultra print speed
- Support 1D, 2D bar code printing
- Serial+USB+Ethernet, Parallel+USB interfaces
- Support paper end and black mark detection
- USB with Virtual COM port mode
- Built in Web page to easily set up printer network



80mm Thermal Receipt Printer GP-U80300III (GA-U300III)

Model	GP-U80300III
Print Method	Direct thermal printing
Emulation	ESC/POS & Line/T
Paper width	79.5mm±0.5mm
Print width	64/72mm
Resolution	203dpi
Paper roll	83mm diameter max.
Print speed	300mm/s
Paper thickness	0.06~0.08mm
Interface	Serial+USB+Ethernet, or Parallel+USB
Data buffer	128K bytes
Barcode type	UPC-A/UPC-E/JAN13(EAN13)/JAN8(EAN8)CODE39/ ITF/CODABAR/CODE93/CODE128/QRCODE/PDF417
Power supply	Input: AC 100V/240V, 50~60Hz Output: DC 24V/2.5A
Cash drawer	DC 24V 1A
Print head life	150km
Auto cutter life	1.5 million cuts
Operating system	Support Windows/Linux/OPOS driver
Net Weight	1.26KG
Dimension	136 x 190 x 130mm



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