



## SURPASS SERIES - Desktop Direct Thermal Label Printer

4" Wide GS-2408D

POWERFUL, HIGH PERFORMANCE, AFFORDABLE



### KEY FEATURES

- 203.2mm (8") per second print speed for 203 DPI.
- 400 MHz 32-bit ARM9 processor with 64 MB SDRAM, 32 MB Flash memory or 64 MB SDRAM, 128 MB Flash memory.
- Internally scalable true type font engine.
- USB Host for scanner or PC keyboard.
- Firmware emulates EPL, ZPL, ZPL II, DPL, TSPL.
- BarTender Free Windows® drivers and label design software (available via download).
- Provide Windows printer utility, Windows SDK and Android SDK.
- Solution for retail POS, shelf labeling, office application, shipping.

# SURPASS SERIES -

## 4" Desktop Direct Thermal Label Printer

PRINTER MODEL	GS-2408D
Level	Economic
Resolution	8dots/mm (203DPI)
Printing Method	Direct Thermal
Max. print speed	203.2mm (8")/second
Max. print width	104mm (4.1")
Max. print length	2,794mm (110")
CPU	400MHZ, 32-bits, ARM9
Memory RAM	64MB SDRAM
Memory ROM	32MB Flash Memory
Interface	USB 2.0 High Speed 480Mbps USB Host 2.0, for scanner or PC keyboard Internal Ethernet 10/100Mbps Internal Bluetooth 4.0 (factory option) Internal Wi-Fi (factory option)
Real Time Clock	N/A
Buzzer	N/A
Dealer options	N/A
Sensors	Head open sensor, Reflective sensor (moveable), Transmissive sensor (moveable)
Power	External universal switching power supply Input: AC 100-240V, 2.5A, 50-60Hz, Output: DC 24V, 2.5A, 60W
User Interface	1 power switch, 2 buttons (Feed & Pause), 2 LEDs (Online, Error)
Internal fonts	8 alpha-numeric bitmap fonts True type font engine (need download scalable font file)
1D Barcode	Code 11, Code 39, Code 93, Code 128 (subsets A, B, C), UPC-A, UPC-E, UCC-128, Codabar, EAN/JAN-8, EAN/JAN-13, Interleaved 2 of 5, ITF14, MSI Pleassy, PostCode, Telepen
2D Barcode	QR Code, Micro QR Code, PDF417, Micro PDF417, Grid Matrix, MaxiCode, Aztec Code, Data Matrix
Rotation	Font and barcode support 0, 90, 180, 270 degree
Printer language	Compatible to EPL, ZPL, ZPL II, DPL, TSPL
Media type	Continuous, die-cut, black mark, fan-fold, notched (outside wound)
Media width	15~112mm (0.6"~4.4")
Media thickness	0.055~0.254mm (2.17~10mil)
Media core diameter	25.4mm (1")
Label roll capacity	127mm (5")OD
Label length	5~2,794mm (0.2"~110")
Physical dimension	180mm(W)x174.7mm(H)x238mm(D)
Weight	1.76kg



### Enclosure

ABS plastic

### Certification

FCC, CE, CCC, BIS, CB

### Environment condition

Operation: 5~40°C, 25~85% non-condensing  
Storage: -40~60°C, 10~90% non-condensing

### Environment concern

Comply with RoHS, REACH, WEEE

### Accessories

Windows labeling software CD disk/Quick start guide/USB cable/Power cord External universal switching power supply

### Limited warranty

Printer: 2 years  
Print head: 25km (1 million inches)/12 months  
Roller: 50km (2 million inches)/12 months

### User options

External roll mount

### Gainscha Auto ID Co., Ltd.

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