



## **SURPASS SERIES** – Direct Thermal Label and Wristband Printer

2" Wide GS-2208D

SIMPLE TO USE, HIGH PERFORMANCE, COST EFFECTIVE

### 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.
- \* USB8 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 printing medial, government, entertainment and pets wristbands.

# SURPASS SERIES

## 2" Desktop Thermal Transfer Label Printer

MODEL	GS-2208D
Level	Economic
Resolution	8dots/mm (203DPI)
Printing Method	Thermal Transfer& Direct Thermal
Max. print speed	203.2mm(8")/second
Max, print with	54mm (2.13")
Max. print length	2,794mm {110"}
CPU	400 MHZ, 32 bits, ARM9
Memory RAM	64 MB SDRAM
Memory ROM	32MB Flash Memory
Interface	* USB 2.0 High Speed 480 Mbps * USB Host 2.0 for scanner or PC Keyboard * Internet Ethernet 10/100Mbps
Real Time Clock	Standard ( CR2032 Battery Install)
Burzer	Standard
Dealer options	Guillotine peeler
Sensors	Head open sensor, Ribbon end sensor Reflective sensor (moveable) Front. Reflective sensor
Power	External universl switching power supply input: AC 100-240V, 2.5A, 50-60Hez, Output: DC 24V, 2.5A, 60W
User Interface	1 power switch, 2 buttons (Feed & Pause), 2 LEDs (Online, Error status),
internal fonts	8 alpha numeric bitmap fonts true type font engine (need download scalablefont file)
1D Barcode	Code 11, Code 39, Code 93, Code 128(subset A, B, C), UPC-E, UCC 128 Codebar, 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, maxicocle, 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	20-60mm(0.79"-2.36)
Media thickness	0.06-0.254mm(2.36-10mi)
Media core diameter	25.4mm(1")
label roll capacity	127mm(5")OD
Label length	15-2.794mm / 5-25.400mm (0.2"-110) / (0.2"-1000)
Physical dimension	129mmx165.3mmx244.3mm (WHD)
Weight	1.3kg



**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

### 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 : 50 km (2 milion inches 12 months)

### User options

External roll mount