



## **SURPASS SERIES** - Desktop Thermal Transfer Barcode Printer **4" Wide GS-2406T**

POWERFUL, HIGH PERFORMANCE, AFFORDABLE



### **KEY FEATURES**

- 152.4mm (6") per second print speed for 203 DPI.
- 127mm (5") per second print speed for 300 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, product marking, healthcare patient safety, inventory management, shipping, high resolution print barcodes and graphics, food ingredient marking, office applications.

# SURPASS SERIES -

## 4" Desktop Thermal Transfer Barcode Printer



| PRINTER MODEL       | GS-2406T                                                                                                                                                                                       | GS-3405T                                                                                                                      |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Level               | Economic                                                                                                                                                                                       | Economic                                                                                                                      |
| Resolution          | 8dots/mm (203DPI)                                                                                                                                                                              | 12dots/mm (300DPI)                                                                                                            |
| Printing Method     | Thermal Transfer & Direct Thermal                                                                                                                                                              |                                                                                                                               |
| Max. print speed    | 152.4mm (6")/second                                                                                                                                                                            | 127mm (5")/second                                                                                                             |
| Max. print width    | 108mm (4.25")                                                                                                                                                                                  | 105.7mm (4.16")                                                                                                               |
| Max. print length   | 2,794mm (110")                                                                                                                                                                                 | 1,016mm (40")                                                                                                                 |
| CPU                 | 400MHZ, 32-bits, ARM9                                                                                                                                                                          |                                                                                                                               |
| Memory RAM          | 64MB SDRAM                                                                                                                                                                                     |                                                                                                                               |
| Memory ROM          | 32MB Flash Memory(128MB Flash Memory Option)                                                                                                                                                   |                                                                                                                               |
| Interface           | USB 2.0 High Speed 480Mbps<br>USB Host 2.0, for scanner or PC keyboard<br>RS-232<br>Internal Ethernet 10/100Mbps<br>Internal Bluetooth 4.0 (factory option)<br>Internal Wi-Fi (factory option) |                                                                                                                               |
| Real Time Clock     | Standard (CR2032 Battery Install)                                                                                                                                                              |                                                                                                                               |
| Buzzer              | Standard                                                                                                                                                                                       |                                                                                                                               |
| Dealer options      | Guillotine peeler                                                                                                                                                                              |                                                                                                                               |
| Sensors             | Head open sensor, Ribbon end sensor, Reflective sensor (moveable),<br>Transmissive sensor (moveable)                                                                                           |                                                                                                                               |
| Power               | External universal switching power supply<br>Input: AC 100-240V, 2.5A, 50-60Hz, Output: DC 24V, 2.5A, 60W                                                                                      |                                                                                                                               |
| User Interface      | 1 power switch, 2 buttons (Feed & Pause), 3 LEDs (Online, Error, Ribbon status)                                                                                                                |                                                                                                                               |
| Internal fonts      | 8 alpha-numeric bitmap fonts<br>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,<br>Codabar/EAN/JAN-8, EAN/JAN-13, Interleaved 2 of 5, ITF14, MSI Plessey, PostCode,<br>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                                                                                                                                                      |                                                                                                                               |
| Ribbon              | 300 M long, max. OD 67mm, 1" core (ink coated outside)                                                                                                                                         |                                                                                                                               |
| Ribbon width        | 30mm~110mm (1.18"~4.3")                                                                                                                                                                        |                                                                                                                               |
| 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<br>(0.2"~110")                                                                                                                                                                       | 5~25,400mm<br>(0.2"~1000") <div>             5~1,016mm<br/>(0.2"~40")             5~11,430mm<br/>(0.2"~450")           </div> |
| Physical dimension  | 280mm(D) x 200mm(W) x 182mm(H)                                                                                                                                                                 |                                                                                                                               |
| Weight              | 2.09kg                                                                                                                                                                                         | 2.2kg                                                                                                                         |

### 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/1" ribbon spindle x 2 for 300M ribbon

### 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

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