

# Gainscha

Reliable and Innovative



## **SURPASS SERIES** - Desktop Thermal Transfer Barcode Printer **GS-3405T**

POWERFUL, HIGH PERFORMANCE, AFFORDABLE



- 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-3405T
Resolution	12dots/mm (300DPI)
Printing Method	Thermal Transfer & Direct Thermal
Max. print speed	127mm (5")/second
Max. print width	105.7mm (4.16")
Max. print length	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 USB Host 2.0, for scanner or PC keyboard RS-232 (factory option) Internal Ethernet 10/100Mbps (factory option) Internal Bluetooth 4.0 (factory option) 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), 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), 3 LEDs (Online, Error, Ribbon status)
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
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	5~1,016mm / 5~11,430mm (0.2"~40") / (0.2"~450")
Physical dimension	280mm(D) x 200mm(W) x 182mm(H)
Weight	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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