



# TS100

## 2D Presentation Scanner

Large Scan Window | Auto-sensing Mode | 1D & 2D Barcode Scanner | Multiple Scanning Modes

Break free from the bulky scanners of the past and step into the future of portable barcode reading with the TS100. This tiny device is a space saver and fits in small spaces for several set-up configurations. Capable of reading 1D and 2D printed or digital barcodes, the TS100 offers a hands-free scan rate of 60 fps on auto-sensing mode. The large window (50 horizontal, 35 vertical) of desktop reader provides a fast and accurate scanning performance in a wide range of industries of Retail, Hospitality, and Supermarket environments.

### Accurate Scan on Large Scan Window

TS100 features a large rectangle scan window design to ensure the widest possible scanning area for easy reading. Being the most cost-efficient desktop 2D scanner on the market, it can scan and decode 1D & 2D barcodes rapidly; significantly saving time and cost in the process. The auto-sensing of 60 fps mode allows staff to fast and accurately capture data with both hands-free.

### Effortless and Intuitive Retail Operation

The TS100 reads printed and digital barcodes efficiently, including codes on smartphone or tablet screens. Retail cashiers scan printed barcodes on items and membership cards, and claim the payment with the digital barcode to satisfy customers' shopping experience. Simply switching between the trigger and presentation mode, your workers can scan virtually any bar code in various situations, making TS100 an intuitive tool to speed up the checkout.

### Adjustable Small Footprint

The TS100 is small enough for countertops with limited space. The in-store staff enjoys the privilege to instantly scan the item with a fast USB plug and play, and self-induction function creates a seamless scanning experience to boost productivity. TS100 takes scanning performance and simplicity to the next level.

### Features

- Large scan window to scan: 50 horizontal, 35 vertical
- 60 fps scan rate on auto-sensing mode
- Read most 1D & 2D barcodes
- Switchable Read Modes: Trigger & Presentation Mode
- 1m drop specification
- Easy plug and play



### Optical & Performance

Sensor	Image Sensor with 1280x800 pixels
Illumination	650nm RED LED
Ambient Light	0~100,000lux
Scan Rate	60 fps
Skew Angle	Horizontal Angle : 50° Vertical Angle : 35°
Pitch Angle Sensor	±65°
Roll Angle	360°
Optical Resolution	1D : 4 mil ; 2D : 6.7mil
Printing Contrast Scale	25%
Depth of Field	Code 39 (3.13 mil): 30 mm ~ 50 mm Code 39 (5.13 mil): 20 mm ~ 115 mm PDF (6.88 mil): 0 mm ~ 160 mm UPC-A (13 mil): 10 mm ~ 180 mm QR (20 mil): 0 mm ~ 230 mm

### Communication

Host Interface supported	USB, RS232
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### Mechanical

Dimension	105mm x 146mm x 70mm
Weight	345g (without cable)

### Electrical

Operation Voltage	5 VDC
Current Consumption	500 mA

### Symbologies

1D Barcodes	UPC-A/E, EAN-8/13, UPC/EAN Supplementals, EAN-8 Extend, Code 128, Code 39, Code 93, Code 11, Interleaved 2 of 5, Matrix 2 of 5, Codabar, MSI Plessey, GS1 DataBar, China Postal, Korean Postal, etc
2D Barcodes	PDF417, MicroPDF417, DataMatrix, DataMatrix-Inverse, Maxicode, QRcode, MicroQR, Aztec, Aztec Inverse, Han Xin, Han Xin Inverse

### Environmental

ESD Protection	+/-15kv air discharge
Mechanical Shock	1M
Operating Temperature	0°C to 50°C
Storage Temperature	-40°C to 70°C
Relative Humidity	0% ~ 95%RH (Non-condensing)

### Regulatory Approvals

CE , FCC , BSMI

### What comes in the box

TS100 with USB Cable, QSG



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