

## TS2400(H) 32-Bit Barcode Scanner

### Brief Introduction

TS2400 is an industrial-grade barcode scanner with excellent anti-fall and dustproof capabilities and its protect level reaches IP54. Adopting 32-bit decoder and advanced dynamic fuzzy decoding technology, the decoding ability is obviously superior to that of ordinary barcode scanner, it can read barcodes with poor printing quality, blur or wear and length exceeding 50 bits. With the highest resolution of 3mil(TS2400H) and good motion tolerance compensation. With the above characteristics, TS2400 is very suitable for industries with severe working environment and high workload, such as logistics, factories and docks.



### Features

1. Adopting 32-bit high-speed decoder, it has extremely fast decoding speed;
2. Applying advanced dynamic fuzzy decoding technology, It has obviously better decoding ability than other domestic barcode scanner;
3. IP54 proof level;
4. Depth of field: TS2400 is up to 180CM; Resolution: TS2400H is up to 3mil
5. Support all standard 1D barcode, including the latest GS1 series barcode, namely RSS barcode;
6. The internally integrated USB 2.0 transmission protocol supports USB emulation keyboard, USB emulation serial port, P/S2, RS232 and other interfaces.
7. Rich functions: support bar code data format programming; The function of identifying barcode type.

## Parameters

Model	TS2400H	TS2400
Input Voltage	5V DC, $\pm 0.25V$	
DC Current	25mA(working); 95mA(Max peak)	
Light Source	650nm visible Laser diode (1D)	
Laser Safety Level	China GB Class II, EN60825-1	
Decoding speed	200 times/second	
Angle Tolerance	$\pm 60^\circ$ , $\pm 65^\circ$ , $\pm 42^\circ$	
Resolution	3mil	5mil
ID Code Type	UPC-A, UPC-E, EAN-8, EAN-13, EAN-ISBN/ISSN, Code 39, Code 39(Full ASCII), Industrial 2 of 5, Interleave 2 of 5, Matrix 2 of 5, Codabar, Code 128, Code 93, Code 11 MSI/Plessey, UK/Plessey, UCC/EAN 128, China Post Code, GS1 Data Bar (formerly RSS) etc.	
Alert Mode	Indicator and Buzzer	
Interfaces	Auto-detective USB, RS232, PS2, USB-COM	
Trigger mode	Manual, Continuous Scanning, Serial command	
Materials	Dual-color: ABS+PC/TPU; Single-color: ABS+PC; Transparent: PC	
Temperature	$-10^\circ\text{C} \sim 50^\circ\text{C}$ (working); $-40^\circ\text{C} \sim 60^\circ\text{C}$ (storage)	
Humidity	5%~95% (Non-condensing)	
Dust & Water proof	IP54	
Shock resistance	withstand multiple drops from 2m to concrete surface	
Set mode	Set by scanning functional barcodes	

This product can easily read the following barcodes (which is difficult for most barcode guns):

