
32-Bit Industrial-grade Wireless Barcode Scanner

Brief Introduction

As an industrial-grade wireless barcode scanners, TS4500 has superior decoding ability than other domestic barcode scanners, and its proof level is up to IP54. Because of encryption and adaptive frequency hopping transmission, the scanner has good anti-interference ability, and can still work stably even in harsh industrial environment. With superior decoding ability, stable data transmission and good dustproof and anti-fall design, TS4500 is very suitable for warehouses, factories, logistics and other industries.



Features

- 1. Excellent decoding ability(32-bit decoder).** 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; Resolution is up to 3mil;
- 2.IP54 proof level, good protection against shake, fall and dust**
- 3. Safe and stable data transmission.** Adaptive frequency hopping, encrypted wireless transmission, stable data transmission and strong anti-interference ability. Even in the harsh industrial environment, it can still transmit stably.
- 4. Built-in data memory, can store up to 60,000 barcodes;**
- 5. Strong endurance;**

6. A base can support 100 scanners at once time;

7. Easy to use.The base and the wireless scanner are matched with one button. Dual-color LED light clear indicates various working states of barcode scanners, such as low battery, charging, sending data, full memory, etc.

8. Rich functions: support bar code data format programming; The function of identifying barcode type; Automatically increase ID number...

Parameter

Input Voltage	5V DC, $\pm 0.25V$
DC Current	25mA(Working);90mA(Max peak);250mA(Charge)
Light Source	650nm visible Laser diode(1D)
Laser Safety Level	China GB Class II, EN60825-1
Decoding speed	150 times/second
Angle Tolerance	Skew $\pm 60^\circ$; Pitch $\pm 65^\circ$; Roll $\pm 42^\circ$
Resolution	4mil(TS4500); 3mil(TS4500H)
1D Code types	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
Wireless contact radius Limit	500 meters
Storage	1MB (can store 60,000 barcodes)
Interfaces	USB, PS2, RS-232, USB-COM
Trigger Mode	Manual, Continuous Scanning; Auto-detective
Shield Materials	Dual-color : ABS+PC/TPU; Single-color : ABS+PC ; Transparent : PC
Temperature	$-15^\circ C \sim 55^\circ C$ (Working) ; $-40^\circ C \sim 60^\circ C$ (Storage)
Humidity	5%~90% (Non-condensing)
Dust & Water proof	IP54
Shock resistance	withstand multiple drops from 2m to concrete surface
Mode Setting	Set by scanning functional barcodes or by the cradle keys