

TiCODE TI4520Hx

Wireless 2D Scanner of High Performance

Brief Introduction

TiCODE TI4520Hx is configured with advanced imaging and micro-power wireless frequency hopping technology. It is good at scanning all kinds of 2D and 1D codes, especially those difficult to read, just like the attrited code, DPM, high reflecting, high density, small size, monitor-displayed etc. With a good ergonomic design and IP54 proof level, it's competent to high intensity environments, like the manufacturing industry, large-scale logistic and huge warehouse and so on.



Features

1. Outstanding scanning sensitivity and decoding ability;
2. Can read codes on monitor, attrited code, DPM, high reflecting, high density, small size etc.;
3. Configured with adaptive frequency hopping technology, it has got stable data transmitting with strong anti-interference, even in the harsh industrial conditions;
4. IP54 proof level, competent for harsh environment;
5. Good ergonomic design for long working hours;
6. Built-in data storage, can store up to 10,000 commercial codes;
7. 1 socket can support up to 100 scanners. And it can share the socket with TS4500 (1D);
8. Easy operation: one press for pairing, 2 dual-color indicators show many working statuses, like power low, recharging, data transmitting, storage full etc.;

Classical application

1. Automobile industry, Heavy Machinery, Electronics industry;
2. Large warehouses, sea port and cargo terminals;
3. Large logistics enterprises;
4. Other place require higher scanning performance or higher scanning intensity.

Parameter

Model TI4520Hx	Parameter
Input Voltage	5V DC, $\pm 0.25V$
Power	1.1W(working); 0.25W(standby)
DC Current	270mA(working); 60mA(standby), 300~430mA (recharging)
Module	2D Imager 1280*960
Lighting Source	White LED
Aiming Line	Red LED
Code Contrast	$\geq 25\%$
1D code resolution	$\geq 3\text{mil}$
Codes range	1D, 2D, DMP, monitor-displayed
2D Code types	QR Code, MicroQR, Data Matrix, PDF417, Micro PDF417, Aztec, Maxicode etc.
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.
Mode setting	Set by scanning functional QR Code
Angle Tolerance	Skew $\pm 72^\circ$; Pitch $\pm 72^\circ$; Roll 360°
Alert Mode	Indicator (dual color) and Buzzer (adjustable tone and volume)
Interfaces	USB, USB-COM, RS232
Trigger Mode	Manual, Continuous, Auto-detective
Cable	2 meters, USB ~ RJ-45
Environment Lumint.	0 ~ 100,000 Lux
Environment Temp.	$-18^\circ\text{C} \sim 55^\circ\text{C}$ (working); $-40^\circ\text{C} \sim 70^\circ\text{C}$ (storage)
Environment Humidity	5%~95% (Non-condensing)
Shield Materials	dual-color ABS/PC+TPU; single-color ABS+PC; transparent: PC;
Shock proof	withstand multiple drops from 2.0m to concrete surface
Dust & Water proof	IP54
Communication Radius limit	500 meters in open air
Certificate	CE, FCC and RoHS

Guangzhou TiCODE Electronics Technology Ltd.

National High-Tech Enterprise

Professional solution provider and manufacturer of Barcode Scanner

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