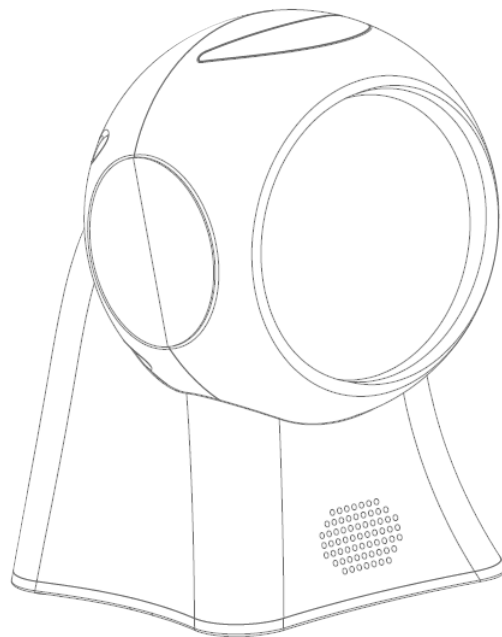


7120

20 line laser bar code scanning platform

Product Features



✦ **32-bit dual-chip decoding CPU**
quick computational speed and strong decoding capacity.

✦ **High speed decoding**
decoding speed 1500lines/second, triggered at any moment.

✦ **USB of free drivers**
plug and operate, windows comes with driver, no need to install the driver

✦ **Full scan**
20 laser lines, 5directions, all-orientation space scanning

✦ **Super long depth of field**
0—200mm@ (UPC/EAN 100%, PCS90%)

✦ **Single line scanning function**
convenient to scan dense codes. easy to switch single line between full lines through button.

Application Scenarios: POS, customer service desk, ticket validators, O2O.

XT-7120

Omnidirectional Laser Bar Code Scanning Platform

1.Product introduction

20 line laser bar code scanning platform movement is a high-performance movement, possessing the ability, high precision, speed, compatibility and other features, products are widely used in retailing, supermarkets, tobacco, logistics, warehousing, health care, clothing, and other areas which is the most cost effective products on the market for your best choice.

2. Finished product compatible model

LS9203、LS9208、MS7120、Z-6170、Z-6030、Z-6031、CO5300、CO5330、XL-2200、XL-2021 and so on.

3.Product Features

Product Features	
32-bit dual-chip decoding CPU	quick computational speed and strong decoding capacity.
High speed decoding	decoding speed 1500lines/second, triggered at any moment.
Super long depth of field:	0—200mm@（UPC/EAN 100%, PCS90%）
High precision	the decoding accuracy 5mil.
Full scan	20 laser lines, 5directions, all-orientation space scanning
USB of free drivers	plug and operate, windows comes with driver, no need to install the driver.
Simple to set up:	enter settings-scan setting code-exit setting, only three steps, simple and practical.
Higher density of integration:	new generation programming technology is adopted to reduce the discrete components so as to strengthen the density of integration

XT-7120

Omnidirectional Laser Bar Code Scanning Platform

	and reduce the breakdown rate.
Automatic recognition inverse white bar code	no need to set up, automatic recognition.
Single line scanning function	convenient to scan dense codes. easy to switch single line between full lines through button.
Stereo speaker:	Stereo speaker adopted of graceful and vigorous acoustic quality rather than sharp and monotonous.
Military quality assurance:	each spare parts is subject to strict inspection and all products are under rigorous test to ensure 100% qualification rate.
Aging test:	All products are passed 72 hours aging test and actual operation test before the consignment.
Bite free test	products have passed five millions times error free test.
Mute motor:	adopt precision motor made in Taiwan and through refined dynamic balance test to ensure the most silent products among peers.
Proprietary intellectual property:	Our products are of independent intellectual property from appearance, hardware and software. Meanwhile, we have obtained the Layout-design patent, utility model patent, invention patent and software copyright.
Full-color LED indicator lights:	adopt full-color LED indicator lights to display different conditions in the operation.
Exquisite packaging	adopt imported permanent anti-static blister packing, 50pcs per box, the whole box could withstand 100kg external forces.

XT-7120

Omnidirectional Laser Bar Code Scanning Platform

4. performance parameters

performance parameters

light source	650nm High intensity laser diode
Depth of Field	0~200mm@ (UPC/EAN 100%,PCS=90%) (See Figure 1.)
scanning speed	1500 line per second
Resolution	5mil
scan patterns	all-orientation space scanning (20 laser lines, 5directions), Single line scan ; sleep and wake
Symbol Contrast	≥25% (UPC/EAN 100%)
Scan Angle	Angle of dip 45° elevation 45°
Error rate	less than 1/5000000
CPU performance	32-bit dual-chip and strong decoding capacity
LED indicator light	boot:full color; standby:green; decoding:red; set state:blue; edit state:purple.
sound:	stereo speakers
Interface	USB、RS 232

Symbologies

1D	UPC-A、UPC-E、EAN-13、EAN-8、CODE39、Interleaved 2 of 5 、 industrial 2 of 5、 Matrix 2 of 5、 CODEBAR、CDOE128、 CODE93、 CODE11、 MSI、 China Post Code
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physical parameter

Core size	(D*W*H) 106mm*111mm*155mm(See Figure 2)
Core weight	284g
Color	black,white

power supply parameters

input voltage	DC 5V ±10%
Current@5VDC	Operating: 265mA; standby: 255mA

Environmental parameter

Operating Temperature	0℃~+50℃
Humidity	5%~95% (non-condensing)
Storage Temperature	-20℃~+60℃
Ambient Light	0~4,000Lux (fluorescence), 0~100,000Lux (sunlight)

safety specification

Electrical safety	CE EN55022 Class B、EN55024 Class B, FCC Part 15 Class B
Laser safety	IEC 60825-1: Class 1

*specifications are subject to change without notice.

XT-7120

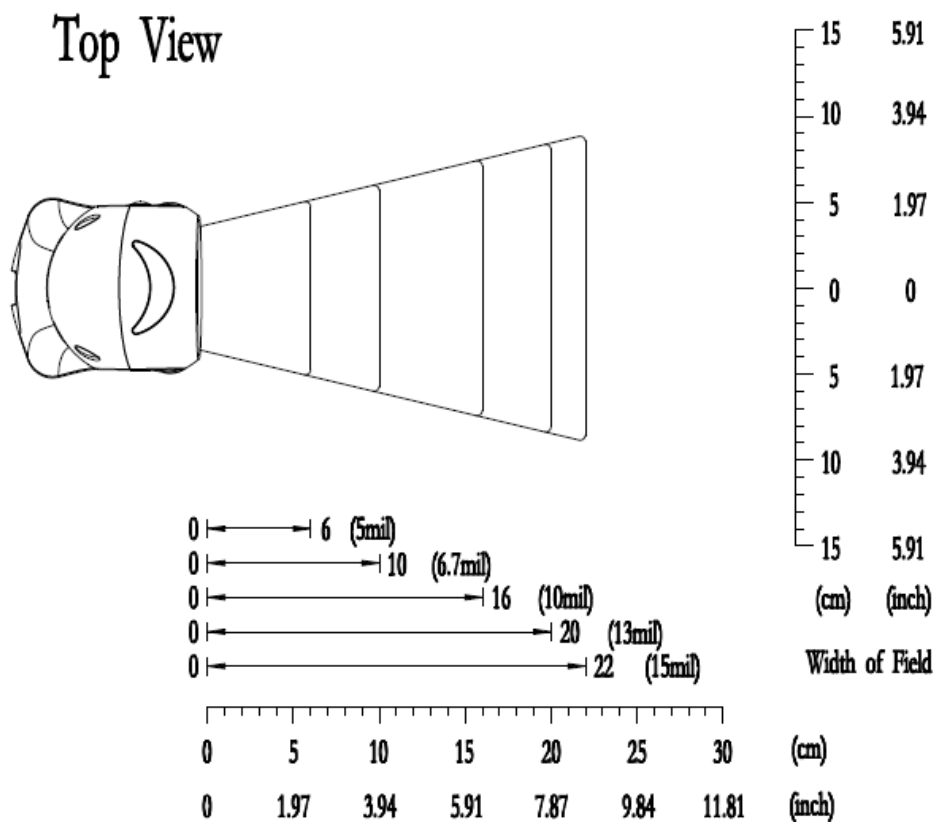
Omnidirectional Laser Bar Code Scanning Platform

5.Ordering Information

product model: 7120ABUC 7120ABRC 7120ABUE 7120ABRE(figure 3)
color: black, white
package: (D*W*H) 200mm*130mm*115mm; (figure 4)
weight: USB: 370g, RS232: 410g
(specification 1pcs USB or RS232 or TTL232 cable 1pcs Scanning Platform 1pcs Certifications 1pcs)
Package box: 20pcs per box
(D*W*H) 690mm*420mm*255mm; (figure 5)
weight: USB interface: G.W .13.3kg, N.W. 8.9kg (Scanning Platform +USB cable);
RS232 interface: G.W .14.1kg, N.W. 9.7kg (Scanning Platform +RS232 cable);

6.Attached drawing

figure 1: Depth of Field



XT-7120

Omnidirectional Laser Bar Code Scanning Platform

figure 2: Scanning Platform dimensional drawing

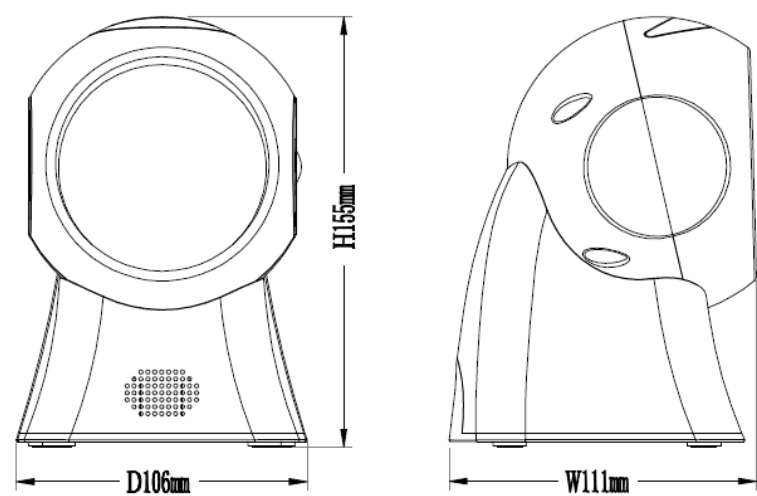


figure 3: naming rule

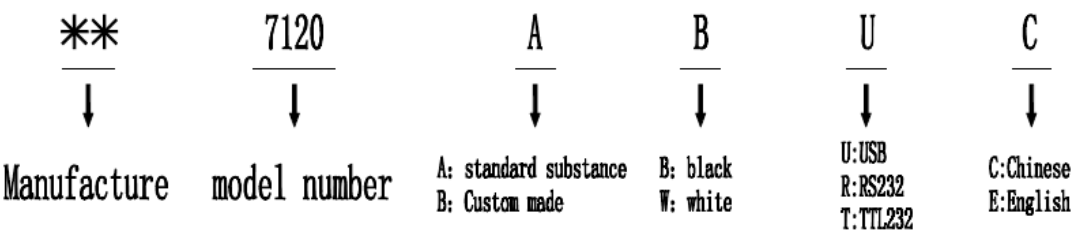


figure 4: package size

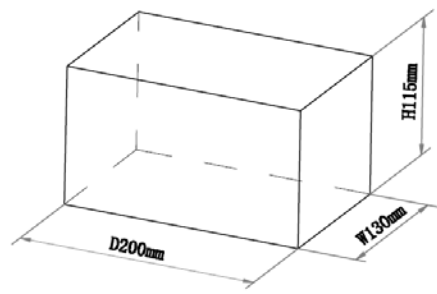


figure 5: package box size

