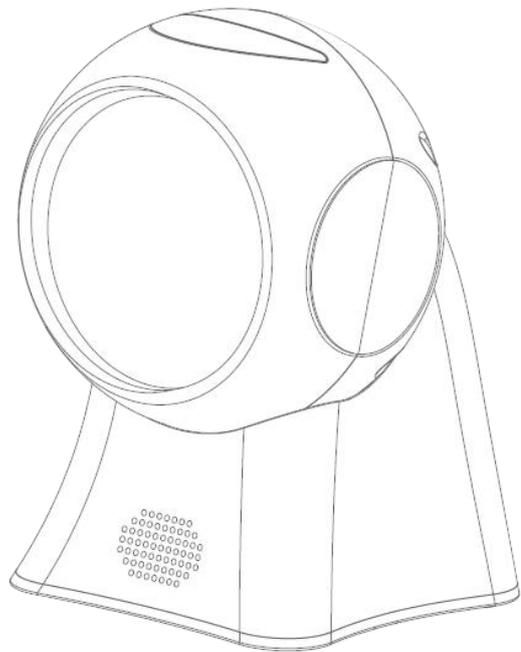


2D Barcode Scanning Platform

- ◆ **Superb Reading Performance**
- ◆ **Superior Motion Tolerance**
- ◆ **IP52-Rated Sealing**
- ◆ **1.2m Drop Resistance**
- ◆ **IR Trigger**
- ◆ **Multiple Interfaces**
- ◆ **Low Power Consumption**



✦ **Superb Reading Performance**

Armed with 32-bit ARM chip and DSP of technology, the 7302 is capable of reading 1D as well as high-volume 2D barcodes on the screen covered with protective film.

✦ **IR Trigger**

The IR sensor in the scanner enables speedy capture of barcodes presented to it, markedly increasing throughput and productivity.

✦ **Low Power Consumption**

The advanced technology incorporated in the scan engine promises low power consumption and prolonged service life.

✦ **IP52-Rated Sealing**

An IP52-rated seal renders the scanner impervious to dust, water and other

✦ **Superior Motion Tolerance**

Exceptional motion tolerance (2.5m/s) and large FOV (46°) enhance user experience.

✦ **Multiple Interfaces**

The product supports USB HID-KBW, USB HID-POS, TTL-232, RS-232 and virtual serial port interfaces to meet diverse customer needs.

✦ **1.2m Drop Resistance**

The scanner withstands multiple 1.2m drops to concrete (for six sides, one drop per side)

2D Barcode Scanning Platform

contaminant.

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

1、 Product introduction

2D barcode scanning platform is a high-performance scanning platform, quick recognition of 1 D codes, 2 D codes, mobile phone screen codes, mobile phone payment codes, strong decoding ability, high precision, fast speed, good compatibility and so on. Products are widely used in retailing, supermarkets, tobacco, logistics, warehousing, health care, clothing, and other areas which is the most high cost performance products on the market, it is the best choice for you.

Support: Alipay and WeChat make collections; 2D barcode mobile payment.

Support: Alipay ,National Tax, Aisino, best wonoer, lightning invoicing.

Support: WeChat billing assistant, lightning invoicing.(custom-made)

2. Finished product compatible model:

MS7120、MS7580、HF600、DS9208、1100I、GPS4490、MP720、MP725、MP727、MP728 and so on.

3. Product Features:

product features	
32-bit dual-chip and DSP decoding	Armed with 32-bit ARM chip and DSP of technology, the product is capable of reading 1D as well as high-volume 2D barcodes on the screen covered with protective film.
2D barcodes make collections	Support 2D barcode payment with Alipay and Wechat.
lightning invoicing	Support with Alipay, National tax, Aisino , Best wonoer, WeChat, lightning invoicing. WeChat billing assistant, lightning invoicing.(custom-made)
Super long depth of field	0—200mm@ (UPC/EAN 100%, PCS90%)
High precision	The decoding accuracy 5mil.
Higher density of integration	New generation programming technology is adopted to reduce the discrete components so as to strengthen the density of integration and reduce the

2D Barcode Scanning Platform

	breakdown rate.
Simple to set up	Enter settings-scan setting code-exit setting, only three steps, simple and practical.
USB of free drivers:	Plug and operate, windows comes with driver, no need to install the driver.
Fill light switch	Easy to switch enable between disable.
anti-scratch acrylic	Adopt imported anti-scratch material to ensure the window prevent from scratch after using for long time.
Stereo speaker	Stereo speaker adopted of graceful and vigorous acoustic quality rather than sharp and monotonous.
Military quality assurance	Each spare part 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.
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.
Bi-color LED indicator lights:	Adopt bi-color LED indicator lights to display different conditions in the operation. Standby: green; decoding: red.
easy-installed interface	It can be easily installed and moved without any tools, you don't need find clips anymore.
Exquisite packaging:	The packaging adopts imported cardboard and each of them could withstand 50kg external forces. It wouldn't be out of shape when someone stands over it after put a piece of wood. Furthermore, delicate and compact packaging can also save freight.

2D Barcode Scanning Platform

4. Performance parameter

Performance	Image Sensor	CMOS			
	Pixels	752*480 CMOS			
	Illumination	white light, LED			
Symbologies	2D	PDF417, QR Code (QR1/2, Micro), Data Matrix (ECC200, ECC000, 050, 080, 100, 140), HanXin code.			
	1D	Code128, UCC/EAN-128, AIM-128, EAN-8, EAN-13, ISBN/ISSN, UPC-E, UPC-A, Interleaved 2 of 5, ITF-6, ITF-14, Matrix 2 of 5, Industrial 25, Standard 25, Code 39, Codabar, Code 93, Code 11, Plessey, MSI-Plessey, GS1-DataBar (RSS), (RSS-14, RSS- Limited, RSS-Expand)			
	Resolution	≥5mil			
	Motion Tolerance	2.5 m/s			
Scan Angle	Pitch	±50°@ 0°Roll and 0° Skew			
	Roll	±360°@ 0°Pitch and 0° Skew			
	Skew	±60°@ 0°Roll and 0° Pitch			
	Symbol Contrast	≥30%			
	Interface	USB HID-KBW, USB virtual port, USB HID-POS TTL-232, RS-232			
	Field of View	Horizontal 44°, Vertical 33.2°			
Typical Depth of Field		Code 39		QR Code	
		5mil	0-8cm	10mil	0-5cm
		6.67mil	0-10cm	15mil	0-8cm
		10mil	0-12cm	20mil	0-10cm
		13mil	0-14cm	30mil	0-15cm
Physical	Dimensions (L*W*H)	106*111*155mm (figure 2)			
	Weight	320g (Scanning Platform only)			
	Notification	Beep, LED indicator			
Current	Operating	240mA			
	Standby	190mA			
Environmental	Operating Temperature	-20°C~+50°C (-4° F~122° F)			
	Storage Temperature	-40°C~+80°C (-40° F~176° F)			
	Humidity	5%~95% (non-condensing)			
	ESD	±14 kV (air discharge), ±8 kV (direct discharge)			
	Drop	1.2m drops to concrete (for six sides, one drop per side)			
	Sealing	IP 52			
	Certifications	FCC Part15 Class B, CE EMC Class B			
Accessories	Cable	USB (2m)	USB HID-KBW, USB Virtual serial port, USB HID-POS		
		TTL-232 (2m)	TTL-232		
		RS-232 (2m)	RS-232		

2D Barcode Scanning Platform

*Please refer to the real product, maybe there are some differences which is caused by product update, our company reserves the final right of interpretation. *

5. Ordering Information

product model: 7302ABUC 7302ABRC 7302ABTC 7302ABUE 7302ABRE
7302ABTE 7302AWUC 7302AWRC 7302AWTC 7302AWUE 7302AWRE
7302AWTE (figure 3)

color: Black, white

package: (D*W*H) 200mm*130mm*115mm; (figure 4)
weight: USB: 495g, TTL232: 495g, RS232: 535g
(specification 1pcs USB or RS232 or TTL232 cable 1pcs Scanning
Platform 1pcs Certifications 1pcs)

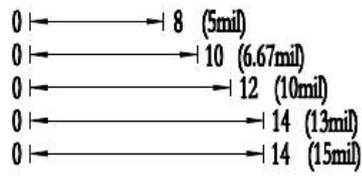
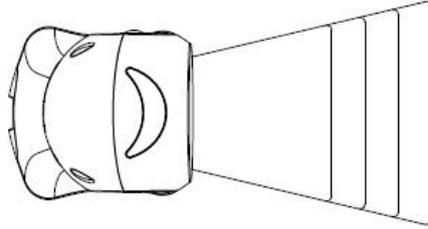
Packaging box: 20pcs per box
(D*W*H) 690mm*420mm*255mm; (figure 5)
weight: USB interface: G.W .12.7kg, N.W.8.3kg (Scanning Platform +USB
cable);
TTL232 interface: G.W .12.7kg, N.W. 8.3kg (Scanning Platform +TTL232
cable);
RS232 interface: G.W .13.5kg, N.W. 9.1kg(Scanning Platform +RS232 cable);

6. Attached drawing

figure 1: **Depth of Field**

2D Barcode Scanning Platform

Top View



15	5.91
10	3.94
5	1.97
0	0
5	1.97
10	3.94
15	5.91
	(cm) (inch)
	Width of Field

0	5	10	15	20	25	(cm)
0	1.97	3.94	5.91	7.87	9.84	(inch)

CODE39 (8-bit characters)

2D Barcode Scanning Platform

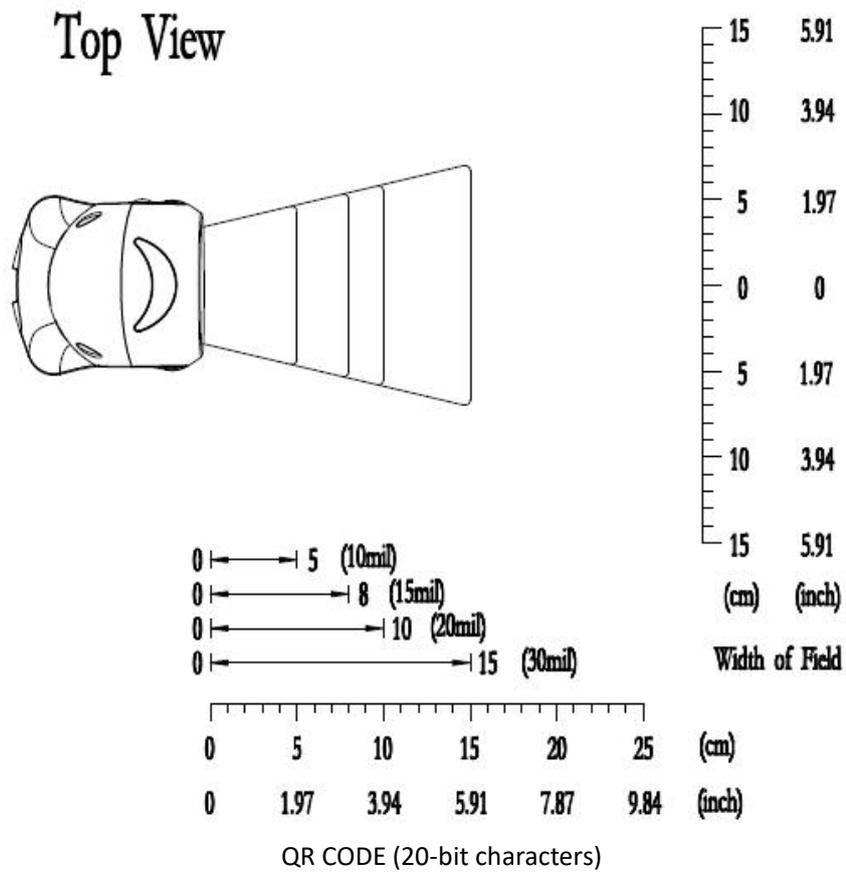


figure 2: Scanning Platform dimensional drawing

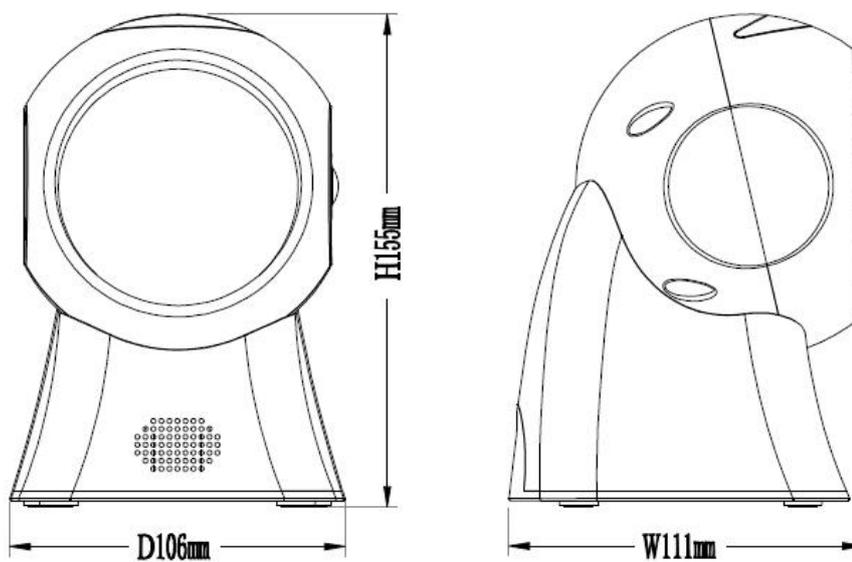


figure 3: Naming rule

2D Barcode Scanning Platform

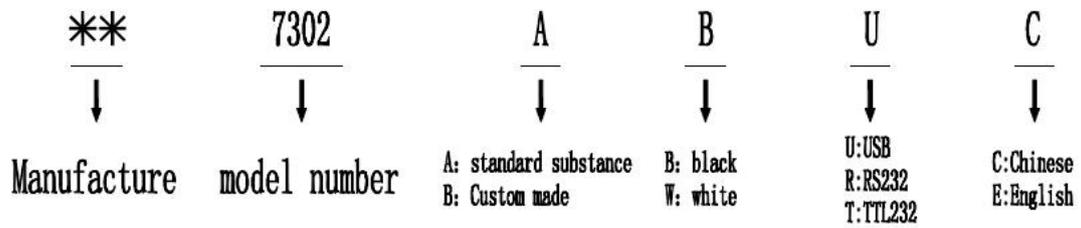


figure 4: Packaging size

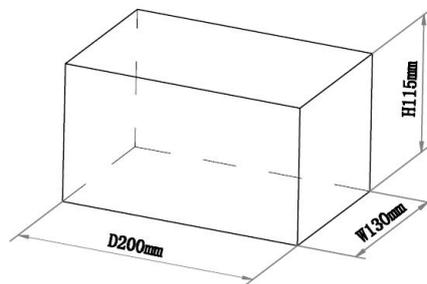
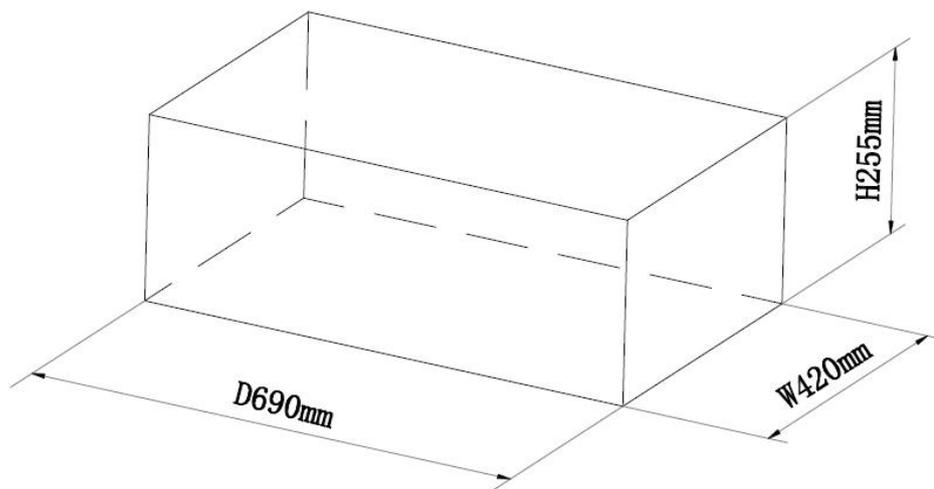


figure 5: Packaging box size



Shenzhen Xingtong IOT Technology Co., Ltd.