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All-In-One POS Terminal P22 Technical Description

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AIO Dual Screen POS P22

1. Application scenarios

It is applicable to hotels, shopping malls, supermarket, fruit stores, fresh food stores, restaurants, transportation, beauty salons and other places etc.

2. Product features

● High-performance quad-core processor, super-strong running memory, more memory configuration optional;
● HD large screen display effect，ultra-clear visual experience;
● BOZZ OS, more intelligent dual-screen interaction;
● 2.0MP wide dynamic binocular camera optional, accurate and fast identification; efficient infrared light compensation;
● Rich external interfaces;
● Support public network, optional 4G communication module;
● Dual-screen can be adjusted from multiple angles;
● Built-in NFC card reader, supporting card swiping;
● Built-in code scanner module, supporting QR code recognition.

3. Product Specification Sheet

Android dual screen intelligent desktop cash register		
Model		P22
Screen	Size	15.6-inch IPS+12.1-inch TN
	Resolution	1920*1080 G+G Capacitive multi-point touch screen
Camera (Optional）	Resolution	Color 2.0MP/ IR 1.3MP (Optional）
Basic specifications	OS	Android 7.1, can be updated to android 10/11 for bulks
	CPU	3288 A53*4 1.8GHz & Mali T764
	Memory	2G DDR+16G EMMC
	Power supply	DC 12V/3A
	Consumption	24W Max
	Relative humidity	0%-90%　（In the state of uncondensed water droplets）
	Working temps	0°C ~ 40°C
	Storage temps	-20°C ~ 60°C
	Working environment	Indoor
	Size of device	346.57.1mm*380.86mm*190.65mm
	Interface	USB A *2
		RJ45 LAN port*1
		DC-in*1
		3.5mm earphone jack*1
		SIM card slot*1 (optional for 4G)
		TF card slot*1
	Speaker	3W*1
	WIFI	2.4G support IEEE 802.11 b/g/n
	BT	Support BT 4.2
	4G Network	Optional: Custom purchase is required
	NFC	Support NFC card reading
	Code Scanner	Support barcode and QR code
Package Data	Size	450*290*440mm

4. P22 Illustration

2.0MP Binocular camera
（Optional）

12.1-inch Screen

15.6-inch Screen

Code Scanner   NFC card reader

5. Appearance Description of P22
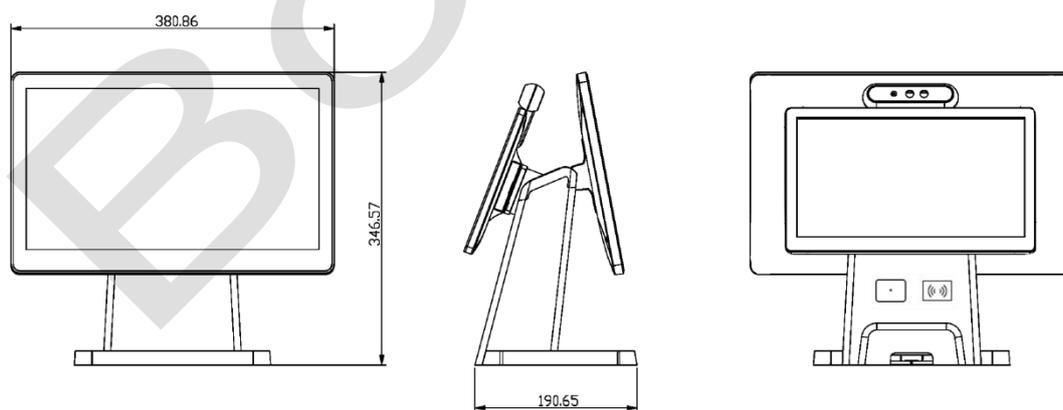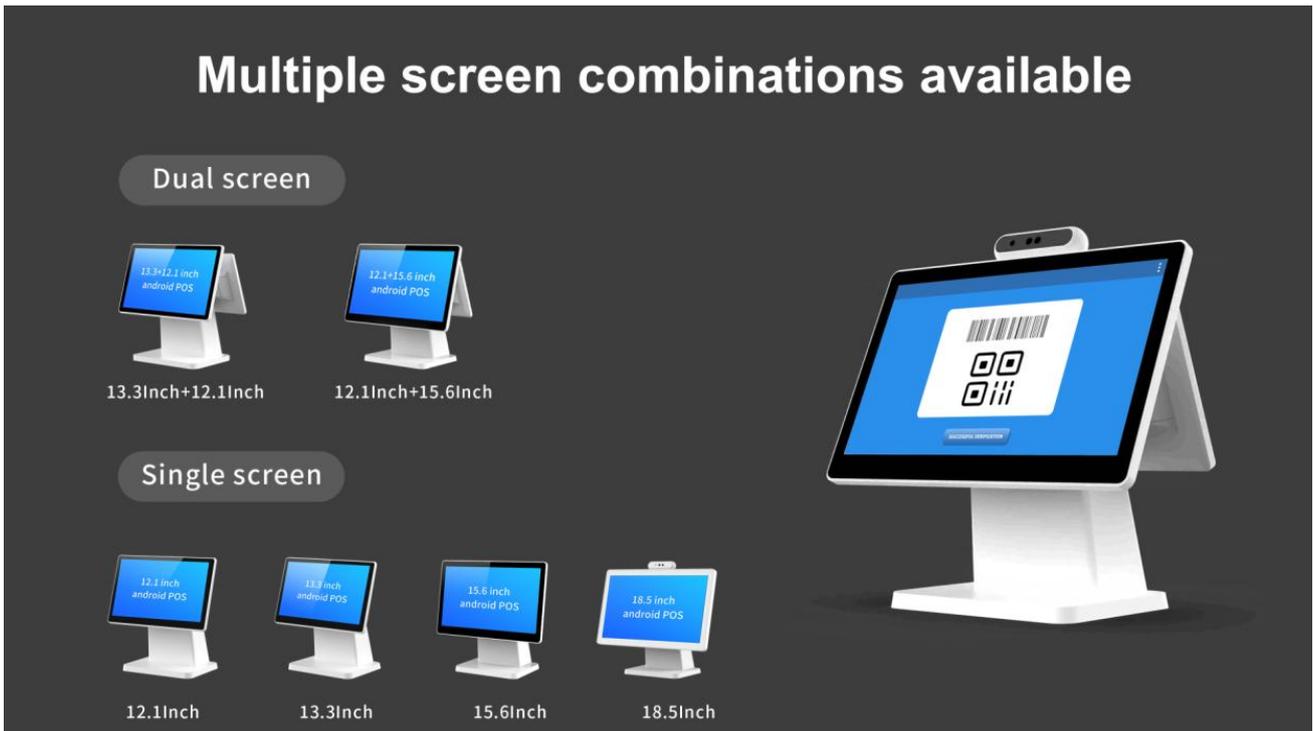
6. Product packaging and instructions

（1） List of materials/tools

NO	Materials/Tools	Quantity	Description
1	Host machine and its accessories	1	Accessories include: 24V power adapter, power adapter, desiccant, inspection certificate, etc.
2	Network cable (optional: outsourcing required)	Some	Used to arrange Ethernet and other remaining cabling
3	Network cable pliers, network tester, diagonal pliers, electrical tape, wire clips (optional: outsourcing required)）	Some	Used to arrange Ethernet and other remaining cabling

（2） Installation note

A. During actual wiring, if the 12V power supply wire of the host does not use "Special power extension cable" and the distance is long, resulting in excessive equivalent resistance of the cable, it is easy to have insufficient terminal voltage (≤ 12V), system repeated restart /crash and other abnormal phenomena.

B. The installation environment must not be wet to avoid strong electricity and strong electromagnetic field. Such as electromagnetic appliances, mobile phones and other electrical appliances that could be moved at will should be kept far away from the equipment as possible.

C.This product is a precision device,　of which the collision, drop, and vibration should be avoid , thus to avoid the falling of the main board components or the damage of the camera, which may lead to functional or performance problems of the product.

D. The device has its own power adapter, with a total length of 1.8m.

✓The extension power cable shall not exceed 3m, otherwise it will lead to the abnormal phenomenons ，such as insufficient voltage supply ，repeated system restarts or system crash etc.

✓If use other adapters, such as 10V and 3A, are used,will cause insufficient voltage and too low current ,and　the equipment will be restarted repeatedly.

✓The cables used should not be too thin (such as network cables). It is recommended to connect multiple strands of the same cable in parallel or use cables with copper cores thickened to ensure that the voltage is greater than 12V.

✓Note: If use network cable , 4 strands of network cable shall be used as positive pole and 4 strands as negative pole for extension cable.

✓　　If you do not know how to extend the cable, please contact the supplier to replace the "special power extension cable".