

P25 Dual Screen Touch All-in-one POS Scale with Printer Built-in Technical specification

Bozz

Bozz Technology (Shenzhen) Co., Ltd

Version:V1.1

Date:2020.05.27

P25 Dual Screen Touch All-in-one POS Scale with Printer Built-in



1. Application scenarios

It is suitable for wet markets, hotels, fruit stores, schools, shopping malls, shops, pharmacies, logistics and other places that require smart scales.

2. Product highlights

- Camera(optional);
- 80mm thermal/label printers;
- QR code scanner(optional);
- High-precision electronic scale;
- Support public network and LAN deployment mode, optional 4G communication module;
- Supports variety combinations of screen sizes ;
- Support dual-screen rotation, multi-angle face recognition;

3. Product specification sheet

Android dual-screen smart scale			
Product Model		P25	
Screen	Size	Dual 15.6-inch full viewing angle (Single/Dual Screen Customizable)	
	Resolution	1920*1080 G+G Capacitive multi-touch screen	
Camera	Optional	Module Optional	
Basic specifications	Operating System	Android 7.1 BOZZ OS	
	Processor	RK3399 A72*2+ A53*4 CPU Clock 1.8GHz & Mail T864	
	SD	4G DDR+16G EMMC Optional: 32G/64G EMMC	
	Device power	12V/5A	
	Power consumption	30W Max	
	Relative Humidity	0%-90% (In the state of non-condensing water droplets)	
	Operating Temperature	0°C ~ 45°C	
	Storage temperature	-20°C ~ 70°C	
	Usage environment	Indoor	
	Device size	538mm*345mm*457mm	
	Port	USB Type-A *4	
		RJ45 LAN*1	
		Micro-USB Debug port*1	
		DC Power port*1	
RJ11*1			
3.5mm Headphone port*1			
Support Micro TF card slot, maximum 64G			
Speaker	3W*1		
Printer	Type	80mm thermal printer with automatic cutter (Extra requirements please let us know)	
	Paper rolls	80mm Max	
	Print speed	150mm/s Max	
Code scanner (Optional)	Support categories	Support QR-code/Barcode	
	the distance of scanning code	2-18cm	
	Recognition speed	15 times/s	
Electronic scale	Maximum capacity	6/15Kg; 15/30Kg	
	Minimum division value	2/5g; 5/10g	
	Minimum weighing	40g; 100g	
	Accuracy level	III	

Basic parameters	WIFI	2.4G Support IEEE 802.11 b/g/n
	Bluetooth	Support Bluetooth 2.1/3.0/4.0/4.2
	Communication method	4G Full Netcom (Optional: Customized procurement required)
Packaging parameters	Weight	13.8Kg
	Size	668*362*470mm

4. P25 Illustration of electronic scales

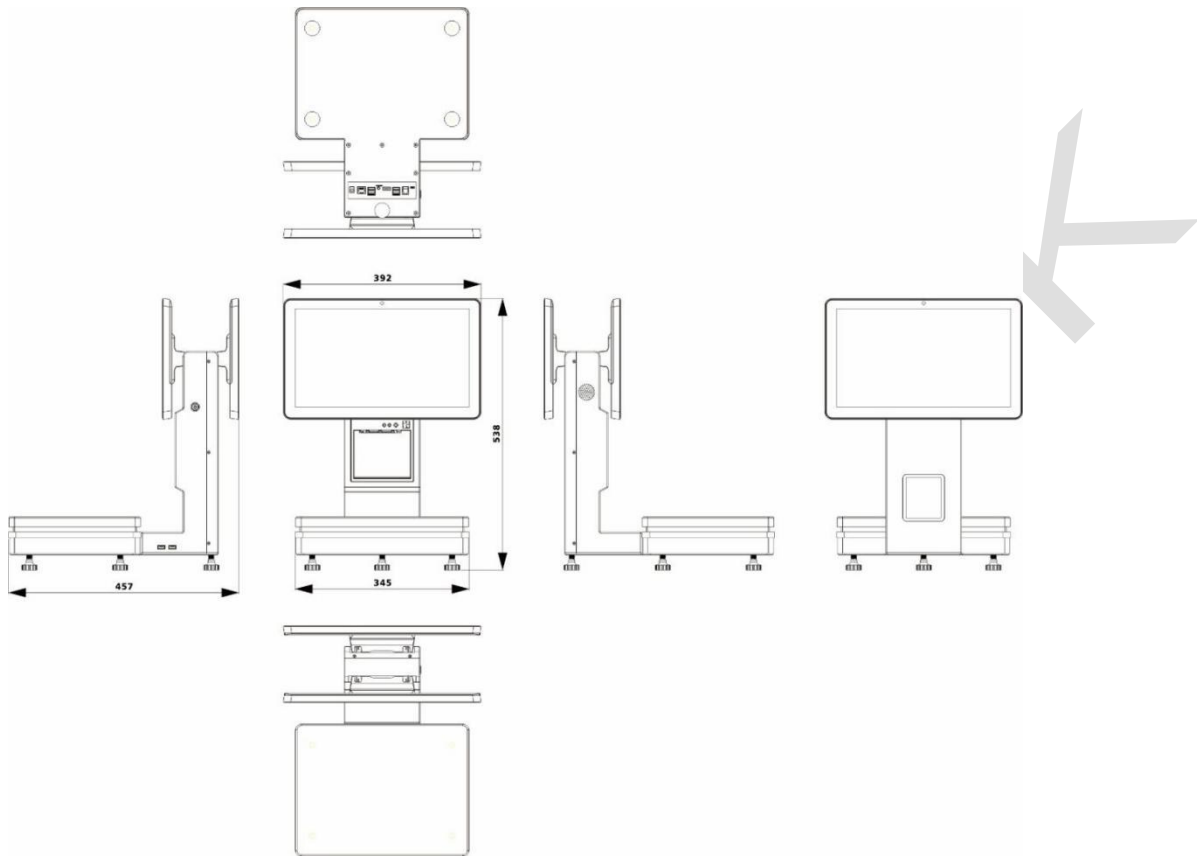
15.6inch+15.6inch



5. P25 POS scales

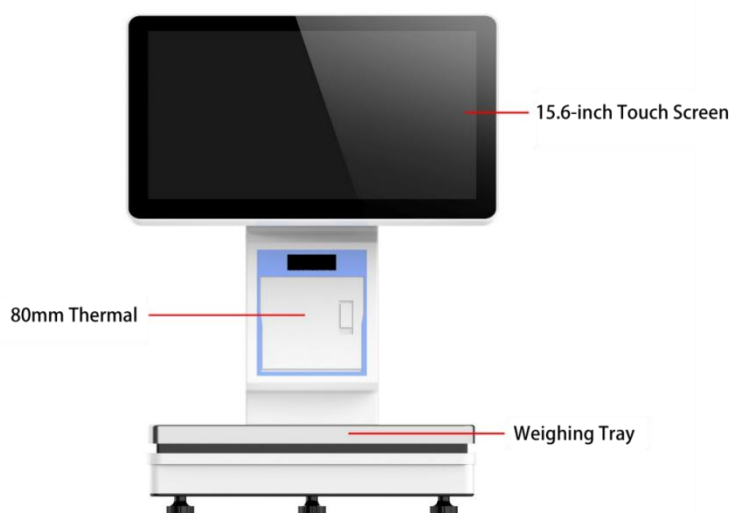
Form factor

P25 Appearance and size (538mm*345mm*457mm)

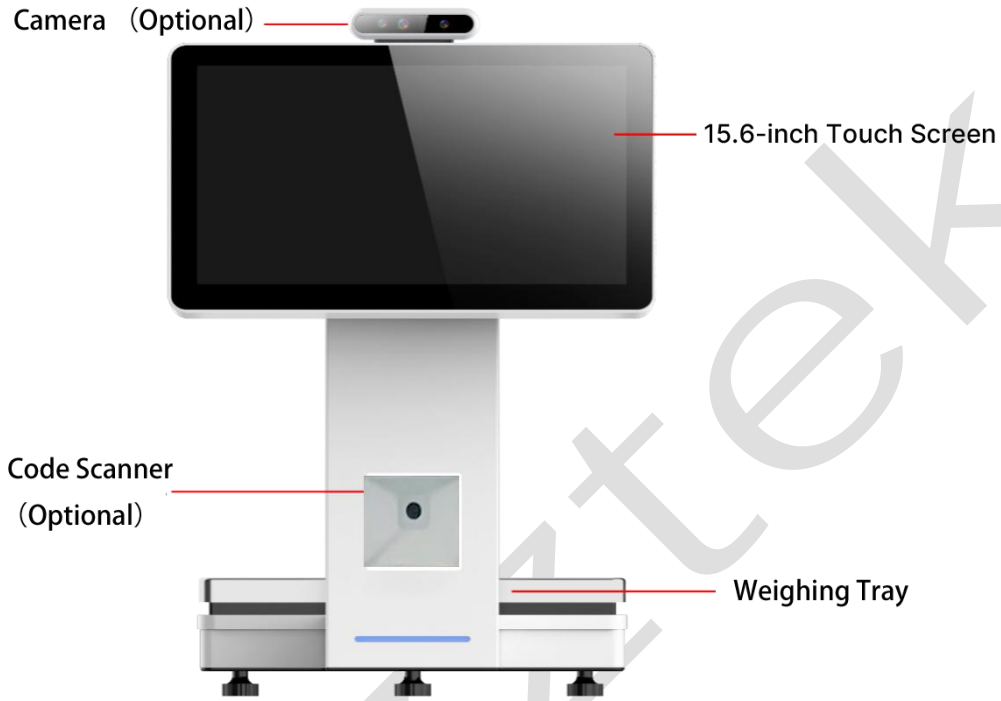


6. Exterior part display

(1) Description of the front part



(2) P25 back part description



7. Product packaging and instructions for use

(—) List of materials/tools

No.	Material/tool name	Quantity	Description
1	Main unit and built-in accessories	1	Built-in accessories include: 12V power adapter, desiccant, inspection certificate, etc
2	Network cable (optional: need to be purchased)	Several	Used to route Ethernet and other remaining traces
3	Network cable clamps, network testers, diagonal pliers, electrical tape, wire buckles (optional: need to be purchased)	Several	Used to route Ethernet and other remaining traces

8. Installation considerations

1、 In actual wiring, if the 12V power supply line of the host does not use a "dedicated power extension cable" and the distance is long, resulting in excessive equivalent resistance of the cable, it is prone to abnormal phenomena such as insufficient terminal voltage ($\leq 11V$), repeated restart of the host, and crash.

2、 The installation environment must not be humid, avoid strong electricity and strong electromagnetic field. For example, electromagnetic appliances, mobile phones and other electrical appliances that can be moved at will should be as far away from the equipment as possible.

3、 This product is a precision device to avoid collision, drop, vibration, so as to avoid the motherboard device falling off or the camera internal damage, resulting in functional problems or performance problems of the product.

4、 The device comes with a power adapter with a total length of 1.8 meters.

The extension of the power cord should not exceed 3 meters, otherwise it will cause insufficient voltage power supply on the host side of the device, and abnormal phenomena such as repeated restart and crash will occur.

If other adapters are used, such as 9V and 1A, insufficient voltage and too little current will cause the device to restart repeatedly.

The cable used should not be too thin (such as a thin network cable), it is recommended to connect multiple strands of the same cable in parallel or use a cable with a thickened copper core to ensure that the voltage $> 11V$.

Note: If you use a network cable, use 4 strands of network cable as the positive pole and 4 strands as the negative pole for the extension cable.

If you are not sure how to extend it, contact the vendor to replace the "dedicated power supply extension cable".