

Dual-screen AIO POS Terminal F630D Technical Instruction

Bozz

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1. Application scenarios

Suitable for schools, hotels, enterprises, hospitals, administrative organs, training institutions, stations, factories, retails, food stores and other group meal scene.

2. Features

- Dual touch screen, with display of same or different contents;
- IP65 dust&water proof level, and effectively prevent oil&insect;
- 19-key mechanical replaceable keyboard;
- The keyboard design is tilted, in line with the ergonomics;
- Support built-in battery, realize mobile payment;
- Support NFC
- Support code scanning window with hardware decoding
- Support encryption PSAM card;
- Support network, 4G module optional

3. Product specification sheet

Dual-screen POS device			
Model		F630D	
Screen	Size	5"+8"	
	Resolution	854*480+1280*800	
Basic Specification	OS	Android 8.1 BOZZ OS	
	CPU	Quad-core Cortex-A35 up to 1.5GHz Mali-G31 GPU	
	Memory	1G DDR+8G EMMC	
	Power supply	12V/2A	
	Consumption	15W Max	
	Relative humidity	0%-90% (In the state of uncondensed water droplets)	
	Working temps	0°C ~ 50°C	
	Storage temps	-10°C ~ 70°C	
	Working environment	Indoor	
	Size of device	275mm*261mm*95mm	
	Interface		USB Type-A *2
			RJ45 LAN*1
			Micro-USB*1
			DC-in*1
		Support SIM slot*1 (optional)	
		Support PSAM slot*1 (optional)	
	Support Micro TF slot*1 (optional)		
Speaker		3W*1	
Keyboard		Support (19 keys mechanical keyboard)	
NFC		Support M1、CPU card	
Scanner	Support type	Hardware decoding, support one - dimensional, two - dimensional, mobile phone screen and printed bar code	
Built-in Battery	Battery capacity	1800mAh (Optional)	
Basic Parameter	WIFI	2.4G support IEEE 802.11 b/g/n	
	Bluetooth	Support BT 2.1/3.0/4.0/4.2	
	communication mode	4G network optional	
Packing Data	Weight	1.8Kg	
	Size	350*345*155mm	

4. Ref pictures



5. Indication of each part



6. Product packaging and instructions

(1) List of materials/tools

NO	Materials/Tools	Quantity	Description
1	Host machine and its accessories	1	Accessories include: 12V 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 ($\leq 11V$), 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 9V and 1A, 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 23V.

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".

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