

Smart Terminal for Palm Card Code (Desktop) F630C-PD instructions



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Palm Code Smart Terminal (Desktop) F630C-PD Manual



1.application scenarios

Suitable for smart payment terminal scenarios in schools, hotels, enterprises, hospitals, administrative agencies, training institutions, stations, factories, and food courts.

2.Product Features

- Integrated functions including palm swiping, QR code scanning, and card swiping;
- Both homologous and heterologous expression can be achieved;
- IP65 dust and water resistance rating, effectively preventing oil fumes, water vapor, and insects;
- 19-key mechanical keyboard;
- The keyboard features a slanted design for ergonomic comfort.
- Supports built-in battery for emergency backup;
- Supports Ethernet, 4G full-network mobile connectivity, and WiFi networks.

3. Product Specification Table

Dual-screen smart terminal		
product model		F630C-PD
screen	size	5"+5"
	resolution ratio	854*480+800*480 / Compatible with other backup screens (to be determined)
Basic Specifications	operating system	Android 8.1 BOZZ OS

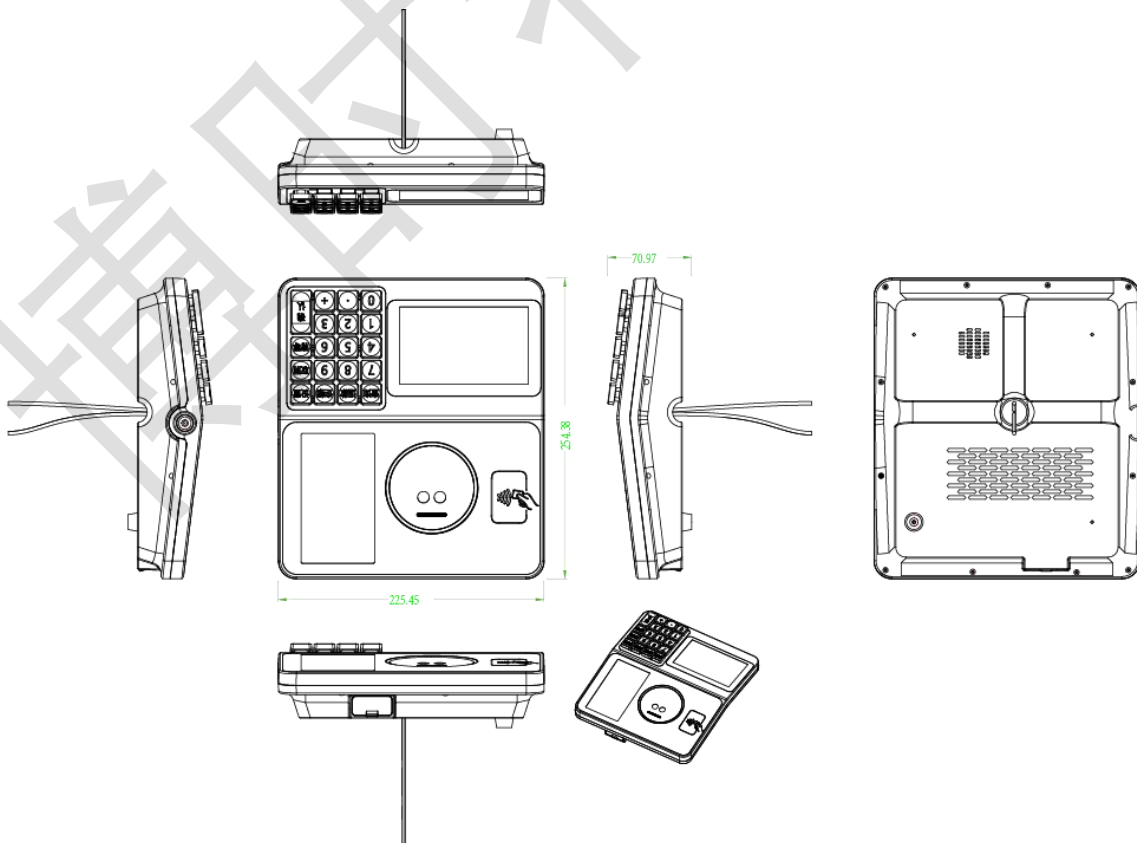
	processor	RK PX 30 Quad- core Cortex- A35 up to 1.5GHz Mali-G31 GPU	
	internal storage	Available options: 1G DDR+ 8G EMMC or 2G DDR+16G EMMC	
	device power supply	12V/2A	
	Device power consumption	25W Max	
	relative humidity	0%-90% (in the absence of condensed water droplets)	
	working temperature	0°C~50°C	
	Storage temperature	-10°C~70°C	
	service environment	indoor	
	Device size	254*225*71 mm (Reference dimensions; actual size may vary)	
	joggle		USB Type-A *1
			RJ45 LAN port *1
			Type-C debugging port*1
			DC power port *1
			Supports SIM card slot*1 (optional)
		Supports Micro TF card slot*1	
loudspeaker	3W*1		
fingerboard	Supports 19-key mechanical keyboard		
NFC	Supports M1 card and CPU card		
Built-in palm scrubbing module	function	Supports palm vein recognition (hardware module only) Supports one-dimensional, two-dimensional, mobile screen, and printed barcode scanning	
Optional camera	camera	200W dual-camera system	
Built-in battery available	battery capacity	3.7V 2000mAh*2 series connection	
essential parameter	Wired network	Supports Ethernet	
	WIFI	IEEE 802.11 b/g/n standard with built-in wireless networking	
	PDA	Supports Bluetooth 2.1/3.0/4.0/4.2	
	communication mode	4G universal network support (optional)	
Package parameters (reference data)	Product weight	1.2 kg ± 5% (Reference data, subject to actual measurement)	
	Single unit packaging weight	1.6 kg ± 5% (Reference data, subject to actual measurement)	
	Large box packaging	8.7 kg ±5% (5 units per box) (Reference data, subject to actual product)	

	weight	
	Single unit packaging size	335*115*325 mm \pm 5% (Reference data, subject to actual product dimensions)
	Large box packaging size	615*350*335 mm \pm 5% (Reference data, subject to actual product dimensions)

4. Schematic diagram of F6 30C-PD dual-screen intelligent terminal



5. Exterior dimensions diagram of the F6 30C-PD dual-screen smart terminal

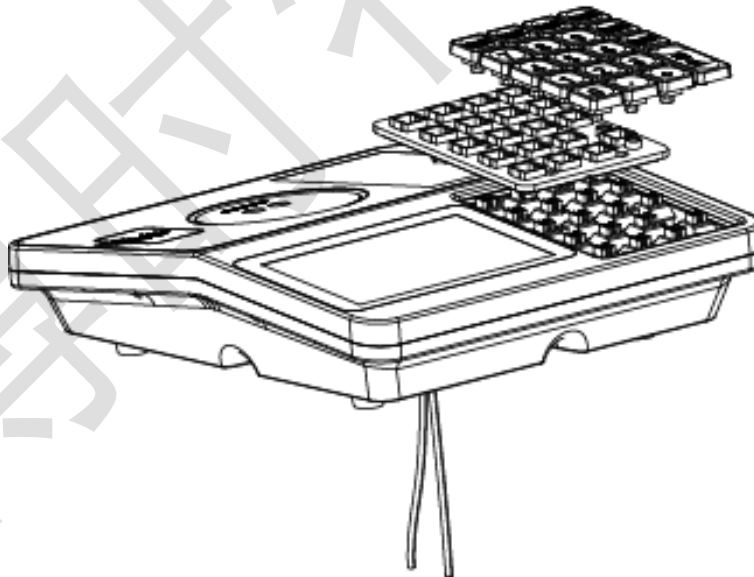


6. Description of External Part Specifications



7. Description of Design Features

- ① The keyboard features a replaceable independent design, providing excellent waterproof performance.
- ② External lead-out interface design enhances the overall equipment protection rating.



8. Product Packaging and Instructions for Use

Materials/Tools List

order number	Material/Tool Name	dosage	explain
1	Host and built-in accessories	1	The included accessories consist of: 12V

			power adapter, desiccant, etc.
2	Ethernet cable (optional: requires external purchase)	a surname	For Ethernet and other residual wiring deployment
3	Wire clamp, network tester, bevel pliers, electrical tape, wire clip (optional: requires external purchase)	a surname	For Ethernet and other residual wiring deployment

9. Installation Precautions

1. During actual wiring installation, if the hosts 12V power supply line does not use a dedicated power extension cable and has a long distance, resulting in excessive cable equivalent resistance, it may lead to abnormal phenomena such as insufficient terminal voltage ($\leq 11V$), repeated host restarts, and system crashes.
2. The installation environment must avoid strong electric currents and strong electromagnetic fields. Devices such as electromagnetic appliances and mobile phones that can be moved freely should be kept as far away from equipment as possible.
3. This product is classified as a precision device. Avoid collisions, drops, and vibrations to prevent detachment of motherboard components or internal damage to the camera, which may lead to functional or performance issues.