

Facial Recognition Signature Panel F1014 Technical Description

Bozz

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Facial recognition signature panel F1014

Technical Description



1. Application Scenario

Be suitable for the paperless office counter service of public services and management projects, such as banks, telecommunication operators, administration, office buildings, hospitals, etc.

2. Product characteristics

- Wide dynamic binocular camera for precise and fast recognition, with rotatable camera for multi-angle facial recognition;
- Efficient infrared compensation;
- Fingerprint module(Optional);
- ID card reader& NFC card reader(Optional);
- Support deployment methods for public and local area networks, 4G communication modules optional;
- Support Windows synchronize screen display;

3.Product Specification Table

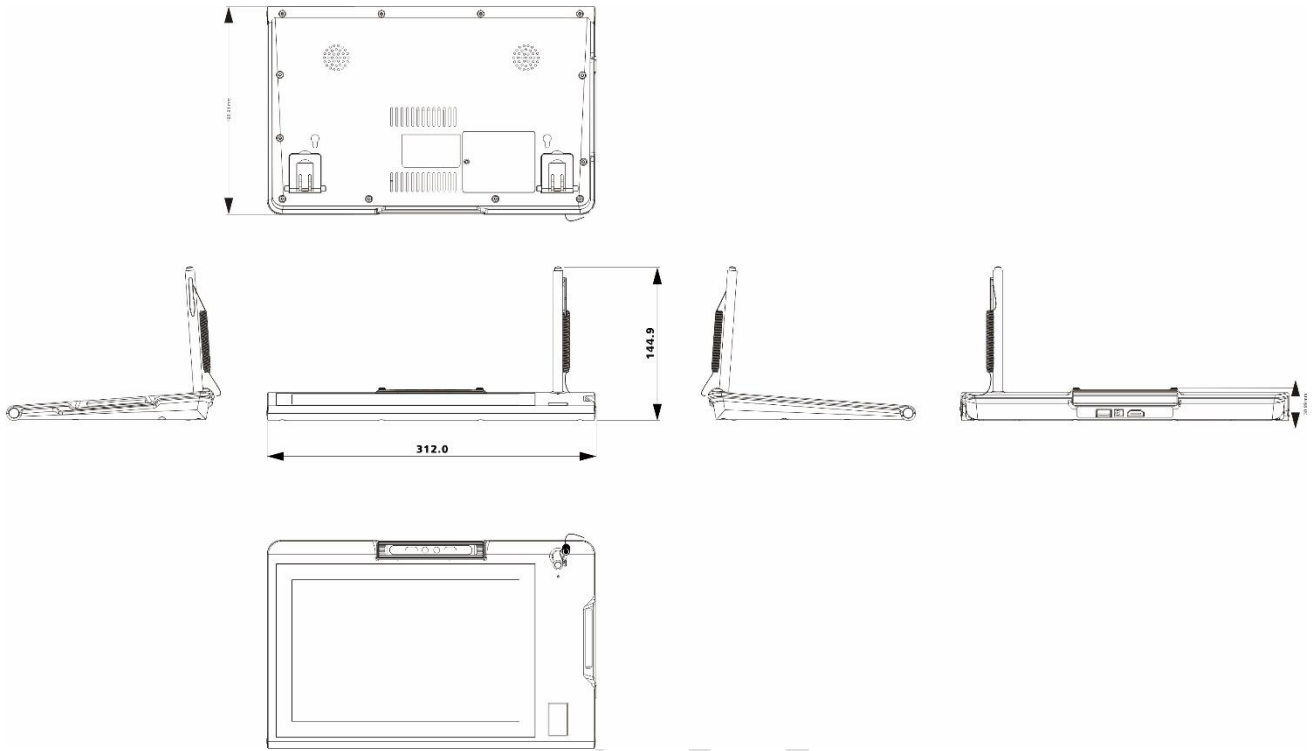
Facial Recognition Signature Panel F1014			
Model	F1014		
Screen	Size	10.1-inch electromagnetic screen	
	Resolution	800*1280	
Camera (Optional)	Type	Color	IR
	Resolution	2.0MP	1.3MP
	Aperture	F2.4	F2.4
	focal length	4.8MM	4.8MM
	White balance	Auto	Auto
	Wide dynamic	support	support
	Vertical Wide Angle	70 °	70 °
	Horizontal Wide Angle	60 °	60 °
Basic specifications	OS	Android 7.1 BOZZ OS	
	CPU	RK3399 A72*2+ A53*4 1.8GHz & Mail T864	
	Memory	4G DDR+16G EMMC Options: 32G/64G EMMC	
	Power supply	DC 12V/2A	
	Consumption	15W Max	
	Relative humidity	0%-90% (In the state of uncondensed water droplets)	
	Working temps	0°C ~ 45°C	
	Storage temps	-20°C ~ 70°C	
	Working environment	Indoor	
Equipment size	312mm*196.9mm*30.9mm		
Interfaces&modules	Identification method	Facial recognition	
	Interfaces	USB Type-A *1	
		Dedicated function expansion port*1 (USB、LAN、OTG、DC)	
		DC port*1	
	Infrared fill light	Support (Optional)	
	White fill light	Support (Optional)	
	Speaker	2W*2	
	NFC	Support (Optional)	
	Card Reader		
ID Reader	Support (Optional)		
Fingerprint	Support (Optional)		
Communication	WIFI	2.4G Support IEEE 802.11b/g/n	
	Bluetooth	Support BT 2.1/3.0/4.0/4.2	
	Communication method	4G(Optional)	
Package Data	Weight	1.3Kg	
	Size	437*260*96MM	

4. F1014 Illustration



5. Device External Dimensions

10.1-in (312mm*196.9mm*30.9mm)



6. Appearance Description



7. Product packaging and instructions

(1) List of materials/tools

NO	Materials/Tools	Quantity	Description
1	Main machine and its accessories	1	Accessories include: Power adapter, desiccant, warranty card, 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 ($\leq 12V$), 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 avoided, 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".