

Product Parameters

System Parameters	Operating System	DejaOS（Linux）	
	Built-in Storage	8GB	
	CPU	ARM Cortex A7 MP2 1GHz	
Network Parameters	Ethernet	1× 10/100M auto-negotiation port	
	Wireless Network	Dual-band Wi-Fi (2.4 GHz & 5 GHz)	
Physical Interfaces	Ethernet Port	1× RJ45	
	RS-485/232	1 channel	
	Wiegand	WG26/WG34	
	IO Input	3 channels	
	Relay	1× 30V 1A	
Appearance	Material	Flame-retardant PC + acrylic glass	
Display Parameters	Screen Size	5-inch LCD touch screen	
Camera	RGB Camera	Field of View: D=65°, H=59°, V=38°	
		Aperture: F2.0	
		Focal Length: 4.35 mm	
	IR Camera	Field of View: D=68°, H=60°, V=40°	
		Aperture: F2.2	
		Resolution: 1616*1232	
		Focal Length: 2.35 mm	
Audio Parameters	Speaker	1× 8Ω 2W	
Electrical Parameters	Power Supply	9–24V DC (12V recommended)	
	Operating Current	12V/2A	
Environmental Parameters	Operating Environment	IP65	
Function Parameters	Face Recognition	Algorithm	1:N dynamic face detection (anti-photo, anti-video spoofing) Supports mask detection & hardware IR liveness detection
		Face Capacity	50,000
		Recognition Time	< 0.3s
		Recognition Distance	0.3~1.5m
		Recognition Performance	Pass Rate: ≥99.8% (at 50,000 templates) False Acceptance Rate (FAR): ≤0.01% (at 50,000 templates)
	Card Reading	Antenna Frequency	13.56MHz
		Reading Distance	0–5cm (depends on card type)

		Supported Card Types	S50、S70、FM1208、FM1216-137、MIFARE CLASSIC EV1 4K(S70)、mifare desfire ev2 d42、UL、FM12081K+7K、NTAG216、ultralight c、UL EV1、DESFIRE EV2 D41、Ultralight EV1、Mifare Desfire ev2 d82, Felica
	Fingerprint	Size	Diameter 21mm
		Durability	> 200,000 operations
		Image Resolution	160*160
		Pixel Density	508 dpi
		Capacity	1000 templates
		Recognition Performance	Total recognition time < 2s
			False Acceptance Rate (FAR) < 0.001%
			False Rejection Rate (FRR) < 1%
		Other Features	Multi-color breathing LED, self-learning algorithm
	QR Code Scanning	Supported Code Types	· 1D: EAN-13, EAN-8, UPC-A, UPC-E, ISSN, ISBN, Codabar, Code 128, Code 93, ITF-14, ITF-6, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, GS1 DataBar (RSS), Code 39, Code 11, MSI-Plessey · 2D: QR Code, Data Matrix, PDF417, Micro QR
		Image Sensor	640*480
		Reading Direction	Tilt: ±45°, Rotation: ±360°, Deflection: ±45°
		Field of View	Horizontal: 73°, Vertical: 54°
		Reading Precision	1D ≥ 5mil, 2D ≥ 8mil
		Scanning Feedback	Voice Prompt + LED