

WR711 Specification

7-inch Face Recognition Locker System

- 7-inch AI Face Recognition Terminal for smart storage in malls, scenic spots, etc.
- Capacity: 5,000 faces (expandable to 20,000) and 200,000 attendance records.
- Multiple verification methods: face, fingerprint, QR code, password, and IC/ID card.
- Remote management: single-door unlocking or batch clearing to reduce maintenance.
- Supports multiple boxes per user, intermediate pickup, and fixed box numbers.
- Customizable locker numbers, supports multi-board and flexible expansion.
- Flexible charging modes: by time or per use, adaptable to various scenarios.



Face Recognition

- Face recognition speed <1 second with 99.9% accuracy rate;
- Liveness detection with effective protection against photos, videos and 3D masks;
- Adapts to facial changes and varying light conditions;
- Supports multi-factor authentication: face, password, fingerprint, QR code, IC/RFID card.

Technical Specifications

Display & Hardware

Parameter	Specification
Screen Size	7.0-inch IPS LCD
Resolution	1024X600 pixels

Parameter	Specification
Touchscreen	Capacitive touch support
Processor	Dual-core AI processor
NPU	0.6T independent computing power
OS	Linux
Storage	8GB/16GB/32GB optional (default 8GB)

Camera Specifications

Parameter	Specification
Camera Type	Dual-lens wide dynamic camera
Resolution	Dual 2MP
Aperture	F2.2
Focus Distance	50–150cm
Fill Light	LED + infrared dual fill light
Night Vision	Supported

Network & Connectivity

Parameter	Specification
Wired Network	Ethernet
Wireless Network	Wi-Fi (2.4GHz supported)
Cellular Network	4G module (optional)
Audio Output	2W/8Ω speaker
Audio Input	Built-in microphone

Recognition Performance

Parameter	Specification
Face Capacity	5,000 (20,000 scalable)
Attendance Records	200,000
Recognition Distance	0.5–1.5 meters
Recognition Speed	<1 second
Recognition Rate	≥99.99%
Adaptation	Supports wearing glasses, masks, hats, and makeup

Other Specifications

Parameter	Specification
Power supply	DC12V 2A
Power consumption	24W (MAX)
Operating Temperature	-20°C ~ 70°C
Installation	Wall Mounting
Device size	118*260*22mm
Equipment weight	1.35 (kg)

Technical Specifications

