

# AC5000



## Next Generation Fingerprint Authentication System for Access Control and T&A Management

### Key Features



#### **Fake Fingerprint Detection (Patented)**

- Proprietary optical sensor and algorithm detects fake fingers made of paper, plastic, rubber, silicon etc.



#### **2.8" Colour TFT LCD Touch Screen**

- Intuitive UI (user interface) simplifies operation  
- Customizable LCD background & icons



#### **IP65 Weatherproof**

- Suitable for internal and external use



#### **Multi-language**

- User editable LCD messages



#### **High Quality Sound**

- MP3 files for voice and sound alerts



#### **Fast Authentication Speed**

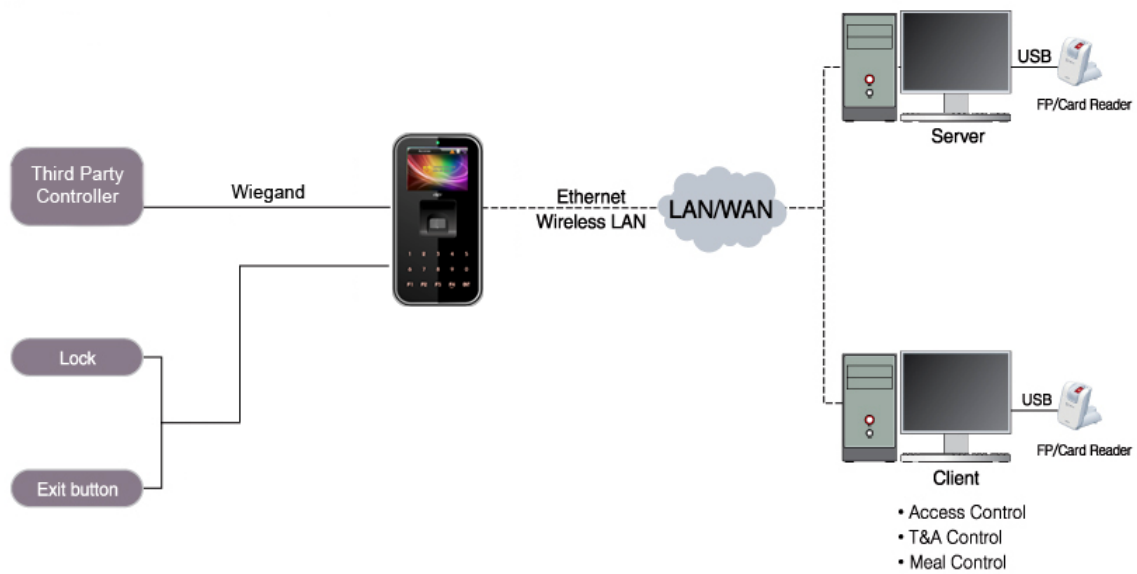
- 1:1 < 0.5sec, 1:N(3000) < 1sec

### Main Functions

- Access Control, Time & Attendance and Meal Control
- Real-time monitoring for Access Control
- Access Control / Alarm Controller / DVR Integration via RS-485, Wiegand or RS-232
- Electric Lock Control (EM / Deadbolt / Strike / Motorised Lock)
- Warning signal for forced case opening
- Flexible fingerprint enrolment and authentication levels

**NEC**  
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## System Configuration



## AC5000 Specifications

Part Number	101-015
CPU	32 Bit RISC 400MHz
Memory	256MB Flash + 128MB SDRAM
Template Capacity	40,000 Templates (20,000 users)
Log Capacity	60,000 Events
Cards Supported	125 KHz Proximity Card, (13.56 MHz Smart Card, optional)
Operation Mode	Fingerprint, Card, PIN
LCD Display	2.8 inch color touch LCD
Communications	RS-485, RS-232, Wiegand In & Out
PC Interface	TCP/IP
Outputs	Relay & Wiegand
Fingerprint Sensor	500Dpi Optical Sensor
Fake Fingerprint Detection	Paper, Film, Rubber, Silicon, etc
FRR / FAR	0.1% / 0.0001%
Supply voltage	DC 12V ~ 24V / PoE
Operating Temperature	-20 ~50°C / Lower than 90% RH (Non-condensing)
Environmental	IP65 Weatherproof
Dimensions	88(W) X 175(H) X 43(D) mm



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