

AC2100



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.



IP-X3 Water-Resistant for Outdoor Use

- Protected against spraying water at 60° from vertical



Fast Authentication Speed

- 1:1 < 0.5sec, 1:N(5000) < 1sec



200 Fingerprint Templates

- Max. 100 users



Various Authentication Methods

- Using combinations of fingerprint, password and RF/Smart Card



Communication Interface

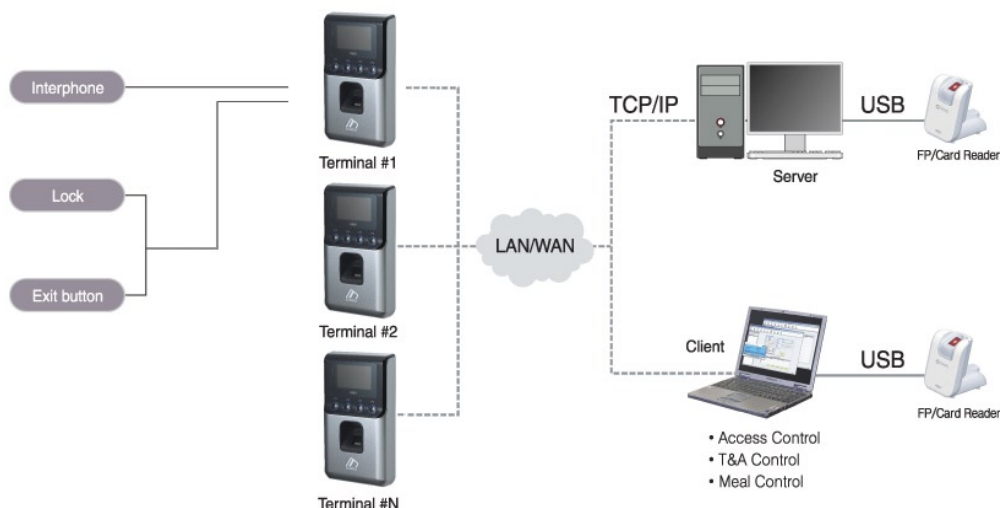
- TCP/IP, RS-232, RS-485, Wiegand

Main Functions

- Access Control, Time & Attendance and Meal Control
- Real-time monitoring for Access Control
- Interphone integration for Visitor 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

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System Configuration



AC2100 Specifications

	AC-2100
CPU	32Bit RISC CPU
Template Capacity	200 templates, 100 users
Event Log Date	12,000
Cards Supported	125 KHz proximity card 13.56 MHz smart card (Optional)
LCD Display	128 x 64 Graphic Display LCD
Communications	TCP/IP, 1 RS-232C, 1 Wiegand, 1 RS-485
Outputs	Relay & Wiegand
Operation Mode	Fingerprint, Prox card, Prox card + fingerprint
Fingerprint Sensor	500 dpi optical sensor
Sensing Area	13 x 15mm
Resolution	500 dpi
Verification(1:1) Time	<0.5 sec
Identification(1:N) Time	<1 sec
FRR / FAR	0.1% / 0.0001%
Available Software	Access Control, Time & Attendance
Supply Voltage	DC 12V ~ 24V
Current Draw	450mA
Weatherproofing	IP-X3 (Protection against spraying water up to 60 degrees from vertical at 10 litres/min at a pressure of 80-100kN/m2 for 5 min.)
Dimensions	93(W) X 170(H) X 40(D) mm

INFRATEC SECURITY SYSTEMS

1/193 Glen Osmond Road
Frewville South Australia

www.infratecsecurity.com.au



Phone: 08 8338 6788