



AC5000IK



AC 5000 IK is the latest design in Fingerprint technology with Inbuilt Controller, intuitive look Access Control and Time Attendance Terminals. It is feature rich product and available with 2.8" Color LCD with latest Capacitive touch keypad technology.

Key Features:

- Virdi Patented Live & Fake Finger Detection Technology
- Real time PUSH technology
- 2.8" TFT LCD and Latest Capacitive Keypad Technology
- User Grouping Facility for faster 1:N Authentication
- Award winning Fingerprint algorithm in year 2011
- Various Authentication types of Card, Password & Finger Combination-User wise & Device wise
- Easy Template Distribution for Multi-Location Applications

Technical Specifications:

Sensor Specs:

- Type: Optical
- Resolution (dpi): 500
- 1:1 Verification: < 1 sec
- 1:1000 users < 1 sec
- 1:G (1:100000 uses) < 1 sec
- Identification Time: < 1 sec
- Template Size: 400 bytes
- Equal Error Rate: < 0.1%
- FAR: 0.0001%
- FRR: 0.1%
- Image Size (pixels): => 400 * 400
- Sensing area (mm): 16mm X 20mm

System Features:

- Memory: 128MB flash; 128MB SRAM
- CPU: RISC 400 MHz; 32 bits
- Event Buffers: 64,000
- Number of FP in 1:N Mode: 15,000 and 1:1 Mode: 20,000.
- Number of Users: 20,000
- Cards/Readers Compatible: Mifare / Desfire / EM / HID iClass / HID Prox (Available in different models)
- Card read range: Up to 10cm
- User Configuration/Operation Modes: FP, PW, FP|PW, FP & PW, Card, Card | FP, Card & FP, Card or PW, Card & PW, (ID | Card) & FP, (ID or Card) & PW, Card & FP & PW.
- Facility Code: Available
- Terminal ID available
- Sensor Mode: 1:1 / 1:N (configurable)
- Template on Smart card: Yes (On Mifare)
- Ethernet: 100bps (Default) / 10mbps
- Admin Users: 16
- IK 09 Vandal Proof Structure
- IP65
- LCD Messaging: User defined Local / Banner / Global Messages

Access Control Features:

- Create up to 9999 Time Zones (12 transaction bands per day)
- Access group: 9999
- Inputs: 2 inputs DM0, DM1 & Exit
- Outputs: Relay for Lock; Auxiliary
- Anti-pass back: Available (support hard & soft Anti-pass back)
- Access authentication from server
- Fire, Emergency, Panic etc. integration is available
- External Lamp / Siren / Hooter connectivity available

Security Features:

- Email sending facility through application in case of critical events like matching fail, tamper, door forced/not closed, blacklisted user attempt etc.
- Integrated with real time alarm display on server
- Configurable card or fingerprint verification for logging in to the device for extra security
- Can open all doors from network in case of fire or emergency
- 0-9 security levels to adjust FRR and FAR as per the environment and customer needs
- IP Camera can be integrated and activated on selected events like Door Force Open; Unauthorized users, holiday access etc (through software)
- Device security enhanced by adding user as admin in device



Hardware Features:

- LED Indicator: Tri Color
- Buzzer: Multi tone Buzzer o/p
- LCD Display: 2.8" LCD TFT Colour
- Touch Keypad: 0-9 key numeric, 4 Function keys; Enter key
- Fingerprint sensor: Optical

Dimensions:

- 88.0mm (L) x 175.0mm (H) x 43.4mm (D)

Communication:

- TCP/IP, RS485

Power Specs:

Current & Voltage Req:

ETL Certified 12V DC - 3.5 Amp. (12V/2.5A)

Material:

- ABS Plastic

Mounting:

- Wall Mounting

Outside (IP) Enclosure:

- Available on request as per specs
- Call for Information

Certifications:

- FCC / CE / RoHS

Operating Temperature:

- - 20 to 60

Humidity:

- 0° C to 95% RH

Warranty:

- Product: 1 yr for any manufacturing defects / workmanship
- Sensor: 10 Years for any Manufacturing defects (Failure of sensor due to ESD / Physical damage will not be covered under warranty)

Accessories (Optional):

- Standard or Battery Back-up Power Supply
- Time Attendance Software
- Card: Mifare; Desfire; EM; HID I Class; HID Prox
- Strike Lock / Electromagnetic Lock
- Egress Switch
- 12V/7 AH Battery

Applications:

- Time Attendance System
- Physical Access Control

Benefits:

- Industry leading fingerprint identification speed
- User-friendly operating modes
- Highest Security Level
- Secure Smart cards Key Management Feature
- More Secured Admin Login with finger or card identity
- Critical (selected) Event's email facility from selected email ids.
- Can read Expiry date and Name from the card
- Reads card no or templates from card.

Areas:

- Call Centers/BPO
- Banking & Finance
- Hotels & Residential
- Corporate & IT/ITES
- Retail, Malls & Multiplexes
- Hospitals & Clinics
- Clubs & Gymnasium

Ordering Information:

Model No	Description
AC5000 IK RF	2.8" LCD + Biometric (Finger+Card+PIN) + inbuilt controller with EM Proximity Card Reader
AC5000 IK SC	2.8" LCD + Biometric (Finger+Card+PIN) + inbuilt controller with Mifare Smart Card Reader
AC5000 IK HP	2.8" LCD + Biometric (Finger+Card+PIN) + inbuilt controller with HID EM Proximity Card Reader
AC5000 IK HI	2.8" LCD + Biometric (Finger+Card+PIN) + inbuilt controller with HID iClass Card Reader

Exclusive India Partner



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