

AC2100 Plus

AC2100 Plus is Finger-print based Entry level Access control & Time Attendance Terminal. It has large backlit LCD, Virdi's Patented fingerprint scanner with Live + Fake Finger detection, 4 function keys, Lock control, Door Status Monitor, Micro USB & TCP/IP interface for data transfer.



Key Features:

- 1500 users / 1500 fingers; 1,00,000 transaction logs capacity
- Inbuilt EM / Mifare Card /HID iClass/ HID Prox card reader
- Real Time PUSH Technology for Data Transfer
- Award winning Fingerprint algorithm in year 2011 for **VirDI Patented Live & Fake Finger Detection Technology**
- 4 Function keys for IN / OUT / LUNCH IN / LUNCH OUT
- Easy template distribution for Multi-Device & Multi-Location applications

Technical Specifications:

Sensor Specs:

- Type: Optical
- Resolution (dpi): 500
- Equal Error Rate: < 0.1%
- FAR: 0.0001%
- FRR: 0.1%
- Template Size: 400 bytes
- Sensing area(mm): 15.8mm X 17.9mm

System Features:

- CPU: 32-bit RISC CPU(400MHz)
- 128MB + 32MB & 64MB RAM
- Authentication speed: <1 sec
- 1:1 Verification: < 1 sec
- Identification Time: < 1 sec
- Number of FP in 1:N Mode: 1,500 and 1:1 Mode: 10,000.
- Template capacity : 1,500 fingers
- Cards/Readers Compatible: Mifare/EM/HID iClass/ HID Prox (Available in different models)
- Card read range: Up to 10 cm
- User Configuration/Operation Modes: FP, RF, FP|RF, FP & RF
- Authentication Mode: 1:1 / 1:N (configurable)
- Ethernet : 100bps (Default) / 10mbps
- Admin Users: 10

Access Control Features:

- Create up to 9999 Time Zones (12 transaction bands per day)
- Access groups: 9999
- Inputs: 2 inputs DM0, DM1 & Exit Switch
- Outputs: Relay for Lock; Auxiliary
- Anti-pass back: Available (Local)
- Fire, Emergency, Panic etc. integration is available
- External Lamp / Siren / Hooter connectivity available
- Expiry Date; Blacklisting; Deny List 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 : Multi-Colored
- Buzzer: Multi tone Buzzer o/p
- Speaker - Voice tone
- LCD Display: 1.77" Color LCD
- Keypad: 4 function keys
- Fingerprint sensor: Patented Optical sensor

Dimensions:

- 58mm (L) x 191mm (H) x 62mm (D)

Communication:

- TCP/IP, RS232, OSDP RS485, Wiegand IN/OUT

Power Specs:

Current & Voltage Req:

ETL Certified 12V DC - 3.5 Amp

Material:

- ABS Plastic

Mounting:

- Wall Mounting

IP Rating:

- IP65

Outside (IP) Enclosure:

- Available on request as per specs
- Call for Information

Certifications:

- FCC / CE / RoHS

Operating Temperature:

- - 20 to 60
- < 90% Humidity

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® (1K,4K), RF, HID iClass, HID Prox
- Strike Lock / Electromagnetic Lock
- Egress Switch
- 12V/7 AH Battery

Applications:

- Time Attendance System
- Physical Access Control
- Guard Tour

Areas:

- Call Centers/BPO
- Banking & Finance
- Hotels and Residential
- Corporate & IT/ITES
- Retail, Malls & Multiplexes
- Hospitals & Clinics
- Clubs & Gymnasium
- Schools & Colleges
- Transport & Logistics
- Telecommunications
- R&D Centres and Labs
- Manufacturing Units & Factories
- Government; PSU & Defense

Ordering Information:

Model No	Description
AC2100 Plus RF	1.77" LCD + Biometric (Finger+Card) + inbuilt controller with EM Proximity Card Reader
AC2100 Plus SC	1.77" LCD + Biometric (Finger+Card) + inbuilt controller with Mifare Smart Card Reader
AC2100 Plus HP	1.77" LCD + Biometric (Finger+Card) + inbuilt controller with HID EM Proximity Card Reader
AC2100 Plus HI	1.77" LCD + Biometric (Finger+Card) + inbuilt controller with HID iClass Card Reader

Exclusive India Partner



235, Blue Rose Industrial Estate, Off Western Express Highway, Dattapada Road, Borivali (E),
Mumbai-400066.

Contact: +91 022 28540144

Email: sales@ortusautomation.com | www.ortusautomation.com

