

AC1100



The AC1100 is an access control & time recording terminal. Standard features include: 4" touch screen LCD with android OS, RFID or MI fare card reader, 4 function keys, Wiegand interface (both IN & OUT), lock relay, door status monitor, alarm interface, OSDP supervised, RS232 port and TCP/IP interface, can handle 2,00,000 cards and 10,000,00 transactions. The AC1100 can operate as a standalone device or be managed via a PC/Server.

Key Features:

- Easy card distribution for network applications
- TCP/IP compliant which can be implemented for multiple locations using Access Management Software.
- Face detection with flash feature for night mode.
- 4" Touch screen with Android OS
- USB OTG support
- Bluetooth support for mobile key authentication
- Compatible to email environment feature - terminal disconnected, case open, door forced, door not closed, lock error, emergency state, external sensor, blacklisted user attempted authentication, matching fail, tail gate alarm.
- Data logs can be downloaded on the software by mapping the IP address of the controller making it more secure.
- In absence of network, device will store in logs in its memory.
- Push technology - the devices will "Push" their transactions to the Server as they occur
- Terminal has time and access control system, time & attendance, canteen management application

Technical Specifications:

Card Reader Specs:

- Type: EM Proximity / Mifare Smartcard / HID Prox (Available in different models)
- RF card reader: EM card (125 KHz)
- Mifare Smart Card Reader: ISO 14443A (13.56Mz)
- Authentication speed: <0.2sec

System Features:

- Memory: 1GHz single CPU processor, 512MB RAM + 8GB
- Card capacity: 2,00,000 users
- Event buffers: 10,00,000 logs
- Card read range: Up to 10cm
- User Configuration/Operation Modes: Card, PW, ID, Card | ID, Card & ID + Face detection
- Facility Code: Available Based on terminal ID
- Ethernet : 100bps

Access Control Features:

- Create up to 9999 Time Zones (12 transaction bands per day)
- Access group: 9999
- Inputs: 2 monitoring inputs & one Exit Switch
- Outputs: 2 outputs Relay
- Anti-pass back: Available
- Access authentication from server
- Fire, Emergency, Panic etc. integration is available
- Expiry Date; Blacklisting feature 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 verification for logging in to the device for extra security
- Can open all doors from network in case of fire or emergency
- 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
- Face detection feature configurable

Hardware Features:

- Buzzer: Multi tone Buzzer o/p
- Speaker - Voice tone, Beep tone
- LCD Display: 4" Touch screen LCD
- Keypad: 0-9 numeric keys and four function touch keys
- External Reader Supported: SC/RF/HID Prox
- Output: TCP/IP, Wiegand IN/OUT, RS485 and RS 232

Dimensions:

- 80mm (L) X 153mm (H) X 18mm (D)

Communication:

- TCP/IP, Wiegand, RS485, RS232

Power Specs:

Current & Voltage Req:

ETL Certified 12V DC - 3.5 Amp

Material:

- ABS Plastic

Mounting:

- Wall Mounting

Outside (IP) Enclosure:

- Available on request as per specs
- Call for Information

Certifications:

- FCC / CE / BIS

Operating Temperature:

- - 20 to 60
- < 90% Humidity

Warranty:

- Product: 1 yr for any manufacturing defects / workmanship

Accessories (Optional):

- Standard or Battery Back-up Power Supply
- Time Attendance Software
- Wiegand Reader (External): EM / Mifare reader
- Strike Lock / Electromagnetic Lock
- Egress Switch
- 12V/7 AH Battery

Applications:

- Time Attendance System
- Access Control System

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
AC1100 RF	4" Touch Screen + Android based Card + PIN + inbuilt controller with EM Proximity Card Reader
AC1100 SC	4" Touch Screen + Android based Card + PIN + inbuilt controller with Mifare Smart Card Reader
AC1100 HP	4" Touch Screen + Android based Card + PIN + inbuilt controller with HID EM Proximity Card Reader

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