

Attendance Recording Management System

Powerful yet
simple
Complete Solutions



Products Series

ARMSTM

Time
Recording
Units

ATTENDTM

Attendance
Reporting
Software

Cards

Attendance
Cum Identity
Cards

Kambesh Automation has expertise in offering powerful yet simple Attendance Recording Management System since 1994 for streamlining your Time Office and Attendance Recording operations. It keeps track of employee's In & Out times; Late, Early & Overtime; maintains daily, weekly, monthly and annual reports of present, absent, leave records, muster & attendance register. All this in a fraction of time consumed at present. No more delays in preparing monthly salary statements due to waiting for updated attendance information. In short, it gives peace of mind to your attendance recording needs.

Attendance Recording Management System

ARMS Time Recording Units:

Kambesh Automation offers **ARMS** series of Time Recording Unit products. Time Recording Units are electronic devices meant for recording & storing card swipe timing and transferring them to Computer for Attendance Register update.

Salient Features of ARMS

- Unique Design: Matchless combination of stylish looks, rugged casing and robust electronic design. No more trade off between looks and ruggedness.
- Investment under your control: Modular design for total flexibility, scalability and upgrades.
- Highly Reliable: Virtually zero maintenance System.
- All major card-coding technologies supported e.g. Proximity, Magnetic, Barcode, Optical, Smart card (contact/contact less) with an option of Finger Print verification.
- Multiple choice of communication technology with Computer e.g. Ethernet, Modem, USB, Wireless (Optional) RS 232, RS 485 (Standard) to suit various needs.
- Based on proprietary "Inter Connect Technology" giving advantage of modular system: Change/upgrade any product without touching other products or cabling.
- IIC technology.
- Maximum protection against time, date or data corruption.
- Power saving Green feature: longer battery life and less power consumption.
- Total protection against manipulation or tempering: All operations controlled from password protected software, No local control operation, Hidden cabling from backside.
- Ethernet LAN or EPABX connection for no fresh cabling in large spread locations.
- Modem supported communication for remote sites.
- Suits equally well in high modern interiors office and rough & tough factories.
- Supports concealed cabling for interior designed sites and looks conscious companies.



ARMS 300 P

ARMS 300 B/M



ARMS 200/210

Technical features of ARMS

- 10 years data storage without power in EEPROM
- 10 years battery backed Real Time Clock and Calendar
- Backlit LCD display for clear vision in dark
- Wide Input Power supply: 90 ~ 275 VAC
- Aluminum body: Light weight yet sturdy
- Adapter: 9 VDC, 600 mA SMPS based
- Audio Visual indicators: Three LEDs, Audio buzzer
- +/- 1 min per month time accuracy
- 2 Relay output signals for door & siren control (model and ICB option dependent)

ARMS Model Selection Chart:

Feature	ARMS-200	ARMS-300 P/B/M
Coding Technology	Optical	300 P-Proximity (125KHz) 300 B-Barcode 300 M-Magnetic (ABA track2)
Code length - Max cards	2 digits - 99	6 digits-999999
Records storage capacity	1500	2900
Display-Backlit LCD	16X1	16X2
Control cards	X	✓
Door control relay signal	X	✓
Siren control relay signal	X	✓
Modem\Ethernet connectivity option	X	✓
Dimension L x W x H mm	155 x 53 x 33	145 x 95 x 33

Communication software (WinComm):

This is driver software of **ARMS** for computer interface.

- **ARMS** is controlled and operated by this password-protected software.
- Collects data from multiple **ARMS** in on-line or off-line mode. Thus no need to keep computer ON when punching is going on.
- Data collection and card punching can work simultaneously.
- Collected data can be stored over LAN. & viewed with indexing on card code number, date or time.
- Data recovery possible even after accidental records deletion.
- Time and siren activation setting features.
- Win 95, 98, 2000, NT and XP compatible driver software.



WinComm Screen

Attendance Recording Management System

ATTEND 6 Attendance Reporting Software:

Attendance Reporting Software is the heart of entire system. It processes the data sent by TRU as per Attendance policies set by Company and prepares various records. It also generates different reports for staff to manager level reporting. Kambesh Automation currently offers its latest version of Attendance Reporting Software: **ATTEND 6**

Salient features of ATTEND 6:

- Powerful and flexible software to suit big or small organization, office or factory environment.
- Designed after extensive research. This makes user getting familiar with the software faster.
- Company specific attendance policies are very simple to implement.
- Multi layer users and rights allocation. Functional module (menu) level selection rights.
- Wide range of reports are provided on Daily, Monthly and Yearly basis. Output files of these reports can be exported in TXT, Excel and various other formats.
- Payroll Software link: A monthly summary file exported in various file formats.
- Win 32 based application using VB as front end and ODBC based MS Access as backend.
- ODBC based design for any back end database such as ORACLE or MS SQL SERVER.



ATTEND 6 Screen

Functional modules & detailed Features of ATTEND 6 :

Employee definition

- Separate definition for existing employee code number and attendance card number.
- Late\early marking and overtime enabling, 'Auto Present marking' option.

Shift (Duty time) definition

- Any number of shifts in a day definable. Useful in Factories, Hotels, Hospitals etc.
- 'Full\Half day Present' marking rules, Grace period for late\early\OT marking.

Calendar (shift scheduling) module

- Useful in 'Random shift allotment', 'Need based duty allotment', 'flexible duty time' cases.
- Easy shift schedule rotation based on dates or weekly off days or number of days.
- 'Copy schedule' facility to other group of employees.
- Total control over staggering Weekly Off days and Public holidays cases.

Over Time (OT)

- Automatic or manual authorization of 'Extra Hours Worked' to 'Over Time'(OT).
- 'OT start time grace period' and 'OT before or after shift time' selection.
- OT multiplication factor and slabs definition.
- 'OT allotment only after minimum worked hours' setting to avoid misuse.

Late\Early Authorisation

- Definable grace periods from shift timings to put Late\Early remark.
- Late\Early Authorisation for personal or official reasons and OD conversion.

Night Shift (Day Change duty) processing

- Easy control over complicated cases like overtime duty in night shift extending to next day morning shift OR random schedule changes between night, afternoon & morning shift OR missing (forgotten) punches in night shift cases.
- Can be implemented even with only one time recorder for In as well as Out punches thus minimizing your investment.

Error records\Manual correction

- Correct error records like wrong shift or missing punches. Avoid misuse by 'Manually corrected records'report.
- Employee selection based on groups. Helpful in cases like 'Bus late arrival'.

Leave module

- Define any number of leaves with their relevant rules.
- On-line closing 'leave balances' available while applying leaves.
- Applied Leaves jumping over 'Weekly Off' and 'Public Holiday' days selection.

Out Door duty \Tour application cases

- Can handle multiple Out Door (OD) visits in a day, full day OD or tour cases.
- OD authorization on personal or official grounds, total OD duration tracked.

Worked on 'Weekly Off' or 'Public Holiday' cases

- Selection of marking such days as 'WO', 'PH' or 'P'.
- Choice of treating full work hours under Over Time.

Miscellaneous policies

- Conversion of WO to AB, based on Preceding AND\OR Proceeding day's status.
- Control checks for cases like 'Single punch', 'Presence on applied leave', 'Wrong shift presence', 'Manually changed records' etc.

Reports

- Report generation selection groups are definable, Powerful tools like 'Order by' & 'filtering'.
- Reports sending to screen, printer, e-mail or File export in word, excel etc.

General features

- Multi-Company option definable.
- Security: Multi-Users & Password protected rights.
- Employee Groups definable for easy operation on reporting, shift scheduling, manual\error corrections & rules setting.
- Single window manual feeding for fast & easy operation.
- Easy backup and restore.
- 'E-mail attachment file creation' for e-mail based support.

ATTEND 6 Attendance Reporting Software

Important reports for regular use (Partial list)

Daily reports

- All punches report.
- Daily Late / Absent report.
- Erroneous records report.
- Manually edited records report.
- Overtime report.
- Strength report.
- Performance report.
- Out Door report.
- Shift card report.

Date range reports:

- Date range late coming, early going.
- Frequent Absenteeism.
- Memo generation.

Monthly reports:

- Attendance Register.
- Muster Register.
- Attendance Summary for export to payroll.

Comparison chart for ATTEND 6 release Gold & Silver

Feature	Silver	Gold
Calendar-frequent shift schedule changes	X	✓
Night shift (day change) processing	X	✓
Outdoor visits authorization and report	X	✓
Multiple users and access rights for each item in menu	X	✓
Number of Groups in Employee Masters	3	7

Please refer to List (Index) of Reports and Sample Report formats from **ATTEND 6** to have detailed understanding of features and capabilities of software.

Cards & Accessories for ARMS

Attendance cards having unique codes are issued to all employees for swiping purpose. Employees swipe their cards in Time Recording Units (TRU) while entering & exiting the Company premises. Card swipe registers Employees In & Out time in TRU.

Types of Attendance Cards

- Proximity thick plain /screen printed Attendance cards.
- Credit card type plain /screen printed Attendance cards.
- Credit card type Attendance cum Identity cards.
- Paper laminated plain/ screen printed Attendance card.
- Paper laminated Attendance cum Identity card.
- PVC plain / screen printed Attendance card.

Accessories for ARMS

Booster cum Multiplexer: This device connects **ARMS** to computer and is required only when.

- You need to connect more than one **ARMS** devices to one single computer.
- The cable length between **ARMS** unit and computer is more than 15 meters. Once installed, you can connect 32 **ARMS** units (max. 128) to a single computer. Also, the end-to-end cable length used in this network can be 1500 meters.

ICB-1 (Inter Connect Box -1)

This provides power supply and computer connections to **ARMS**.

ICB-2 (Inter Connect Box -2)

This provides battery backed power supply to **ARMS**. Also, it gives relay outputs for door control and siren control.

ICB-3 (Inter Connect Box -3)

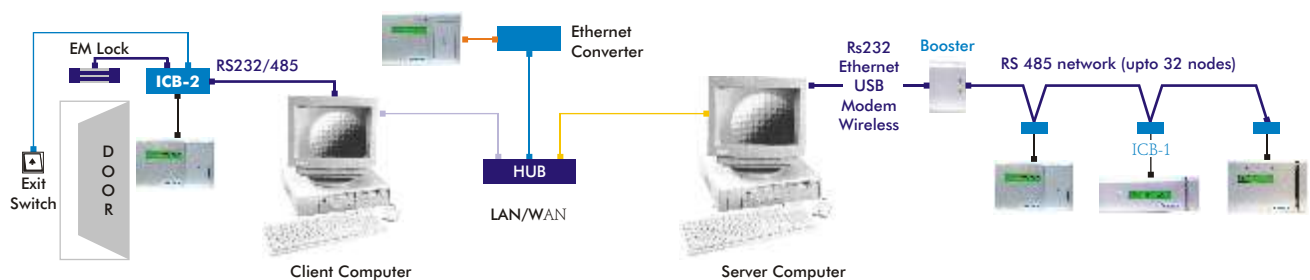
This provides power supply to **ARMS** with one relay output for door or siren control.

Electro-Magnetic (EM) Lock

The EM lock is most commonly used in Access Control applications to control a door. Advantage of this lock is that there is no change in existing locking mechanism of the door.

Electric door lock releaser

This works with existing lock of door. It replaces the locking slot of the lock on door frame. information.



Manufactured by:



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