

## CA SERIES Time Attendance & Access Control System



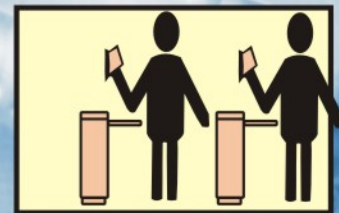
Barcode Reader



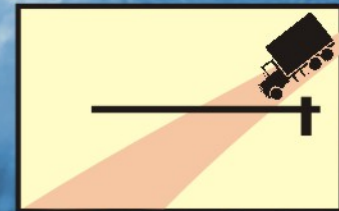
Proximity/Smart Card Reader



Time & Attendance



Access Control

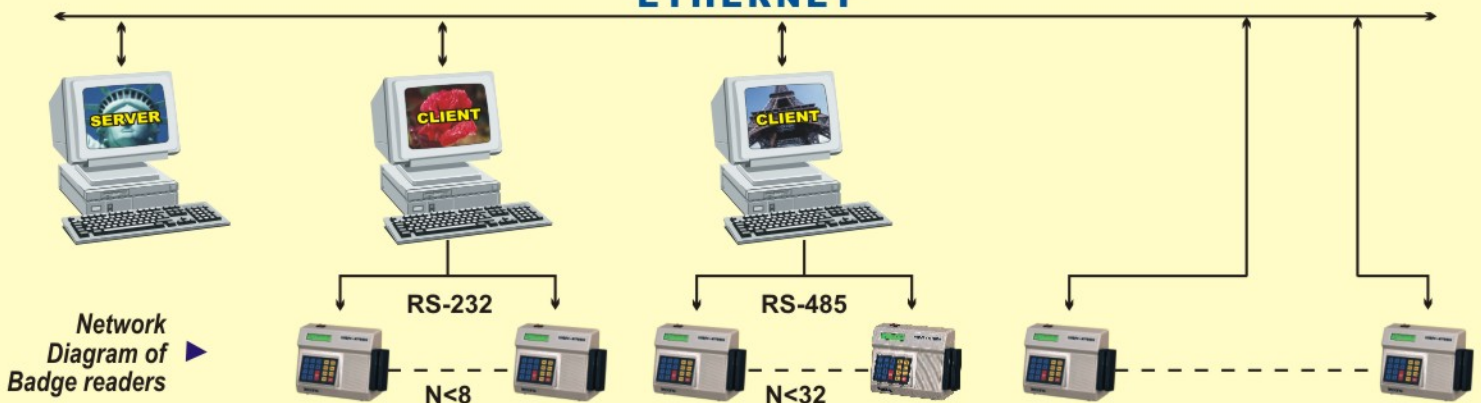


Vehicle Movement



Canteen Management

### ETHERNET



Network Diagram of Badge readers



## Model : CA-202 READER

- ◆ Barcode/Proximity/Smartcard Reader Options.
- ◆ Integrated Onboard TCP/IP @ 10/100 Mbps communication. Also supports RS232 & RS485 communication
- ◆ Online/Offline downloading and direct updation of data in the database without creating intermediate ATND.DAT file.
- ◆ Flash memory 512 KB. Supports 5000 E.mask entries, 10,000 employee data storage. Supports shift table, Time mask, I/O masking, Siren, Holiday table.
- ◆ Firmware (64 KB) can be upgraded on site from host without EPROM change
- ◆ Additional sensor of either Barcode / Proximity / Smart card for "OUT" punching with LCD display as optional.
- ◆ 2 x 16 LCD Display with backlit
- ◆ Supports Hardware I/O switch and Software I/O
- ◆ Keyboard Support as optional
- ◆ Enabling / Disabling of PIN's for individual employee (for Access Control)
- ◆ 4 Relay outputs and 4 Feed back signal for Access Control.
- ◆ Spare 4 Nos. of I/O signals
- ◆ Inbuilt RTC
- ◆ Parallel port for Printer Interface by default
- ◆ Battery backup with built in charger for 8 hrs operation.
- ◆ Onboard eight channel A/D convertor and comparators for logical operation.
- ◆ Multi User Application software in Windows under MS Access / Oracle / SQL capable of generating more than 100 reports which includes Daily, Weekly, Monthly, Yearly reports

## Model : CA-101 READER

- ◆ Proximity, Barcode, Smart Card options
- ◆ Micro Controller based
- ◆ Operates off-line or on-line with a host computer
- ◆ 2X16 LCD display with backlit
- ◆ Keyboard (Optional)
- ◆ Real Time Clock
- ◆ Battery protected 128KB RAM for data storage and upgradable to 512 KB
- ◆ Employee masking, Time masking, Shift masking & Message features.
- ◆ Serial communication with PC-RS232/485/TCP-IP (Optional)
- ◆ Audible tones for acceptance and rejection of badges
- ◆ Rechargeable battery backup for 8 hours operation
- ◆ Voltage 230 V AC Standard and 110V AC optional
- ◆ Power 20 VA typical
- ◆ Multi User Application software in Windows under MS Access / Oracle / SQL capable of generating more than 100 reports which includes Daily, Weekly, Monthly, Yearly reports

## Model : MFR - 01 / MFR-FP

- ◆ 125KHz, RF Based, Contactless Proximity Reader - Model : MFR-01
- ◆ 125KHz, RF Based, Contactless Proximity Reader with Finger Print Reader - Model : MFR-FP
- ◆ Read Range 4" Max.
- ◆ RS232 & USB Port connectivity to PC
- ◆ 2 x 16 Character Alpha-Numeric Display (Backlit) which displays
  - ◆ In normal mode:
    - time in Hrs & Min (PC time)
    - Day & Month (PC Calendar)
  - ◆ While flashing of card:
    - Employee Name
    - Anti pass back status
    - Error Messages (if any)
- ◆ Power : Derived from PC
- ◆ Data Storage :
  - In PC hard disk with backup file
- ◆ Software Features :
  - Dynamic download from reader to PC
  - On-line Processing
  - Instant Reports
  - Multiuser package
  - Auto posting of IN/OUT with Anti pass back



Compu-Attende, Rev - 0

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