

# TA3 High performance time attendance package

**SOYAL**

Access Control System

Date: 01 May 2009, Revision: V4

## Description

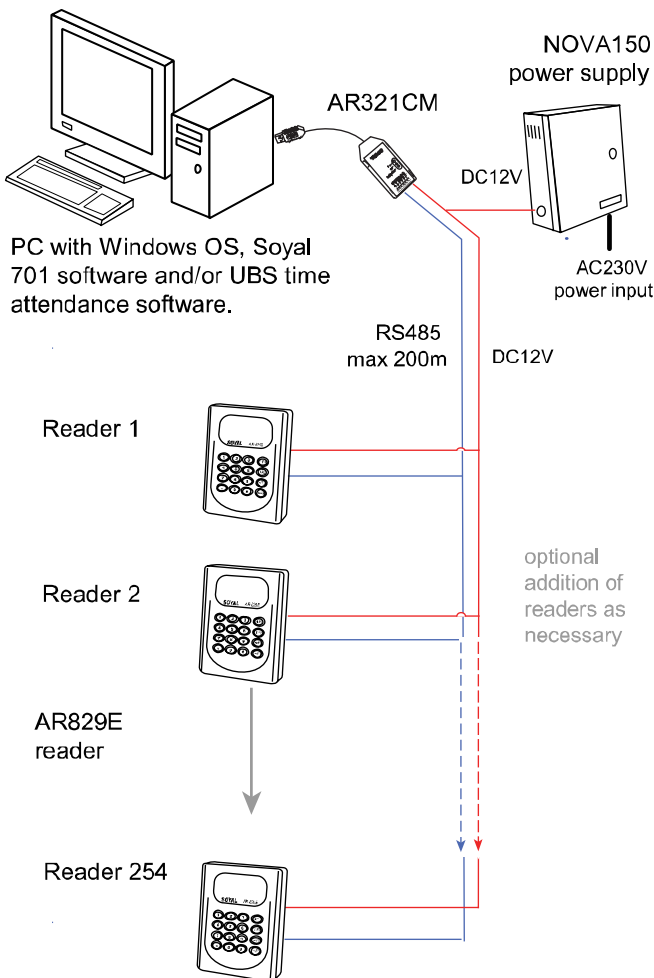
This package is a high performance time attendance solution for SME. User can add as many readers as necessary (max 254). More entrances are necessary to distribute the traffic.

LCD display employee name when reader reads a valid card. Big LCD screen allows easier and more user friendly menu-based operation of the reader. LCD can be customized to display company name at welcome screen. LCD automatically display current work duty according to the defined time scheduled.

Each employee will be assigned a proximity card. Employee is required to register their attendance at the reader when they enter or leave the office premises. A beep sound and LCD display "Successful" upon identity confirmation. A double beep sound and LCD display "Invalid card" if there is any error.

Only valid time attendance data from all readers will be sent to the PC for time attendance function provided by the software. Access raw data can be exported out as text file for more advanced manipulation from third party time attendance software.

## Installation Diagram



**Caution:**  
DO NOT install reader back-to-back to avoid interference. Suggest reader to be away from each other 12" to achieve maximum reading range.

## Feature

- 15000 card users
- 120 holidays, 63 time zone
- Runs on backup battery during power failure (max 11000 memory)
- Programming from software or keypad
- Support card & pin for added security
- Individual expiry date for each user
- Support duty-based time attendance.

## Ordering Information

Ordering code: TA3

Qty	Equipment
1 pcs	SOYAL AR829E standalone controller keypad reader
1 pcs	NOVA 150 power supply with backup battery
10 pcs	CDS18 , 1.8mm 125Khz proximity card

## Upgrade Ideas

- Add AR321CM (convert RS485 to USB convertor, come with software) for PC software management.
- Add a SP3 to protect readers' power and data line against lightning strike damage.
- Multiple TA3 can be linked together for multiple clocking stations.
- Additional NOVA150 power supply might need to be added if more than 4 readers are used or the wiring distance is too far away.