Basic

SOYAL®

Access control system

simple . flexible . secure

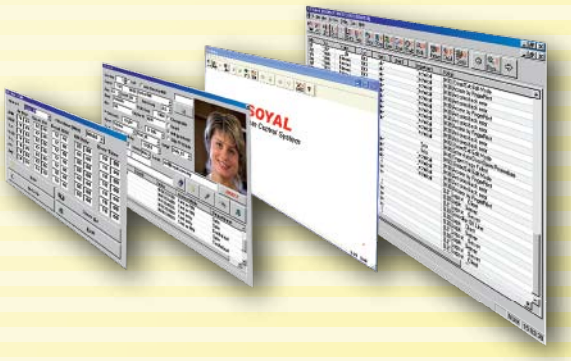
RS485 TCPIP | RS485 USB | 13.56 Mhz mifare | 125 Khz em

Soyal Basic system is fficiently optimized for low budget door, turnstile, parking and elevator access control system. Effectively control who (card user) can enter where (door group) at what time (time zone) using what method (card and/or pin)

- Connect to PC for reporting and time attendance
- Alarm function - force entry, door open too long and tamper warning
- Auto RF-learning for faster and easier card enrollment
- Tamper protection system and full 10 digit wiegand format for higher security
- Built-in watchdog to prevent system hang
- Real time clock for accurate time records
- Programmable auto door-unlock schedule
- Compact modern design looks good in any decoration

AR721H
Controller with built-in reader

AR721U
Auxiliary Wiegand reader



turnstile access

time attendance

elevator access

Door access

parking access

MIFARE READY SOYAL SOR SOYAL OPEN RULE

FC CE MA

ONE FOR ALL HARWARE, ALL IN ONE SOFTWARE

RFID

Basic RFID access control system

AR721H is a single door controller with built-in RF reader. AR721H can work standalone (1024 users) or connect to AR716 multi-door controller (15K users). During AR716 failure, AR721H will auto switch to standalone mode and continue to run as secondary system. Generally, AR721H is installed inside as EXIT reader while AR721U installed outside as ENTRY reader

There are 2 versions available : AR721H (Standard 125Khz) and AR721H_1356 (Mifare 13.56Mhz)

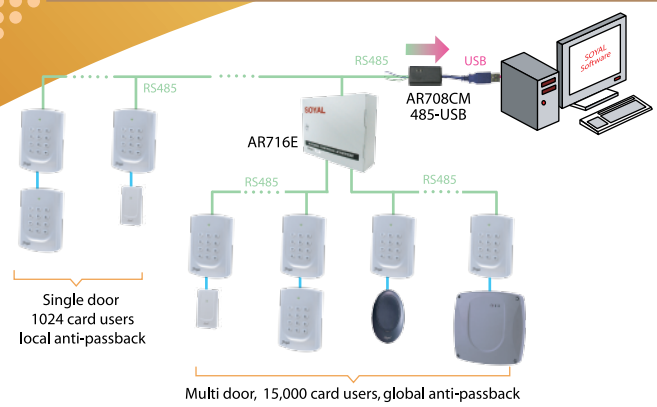
AR721H specification

Built-in-operation mode	M4	M6	M8
Card User	1024	65,536	1024
Event Memory	1200	NONE	1200
Time zone / holiday	11	NONE	11
Anti-passback	YES	NONE	YES
Alarm (tamper,force entry & door open too long)	YES	NONE	YES
Elevator control	1024 users, 32 floor	NONE	1024 users, 32 floor
DirectPC software	YES	NONE	YES
Multi reader networking with AR716E	YES	NONE	YES
Access mode	Card only, Card ot pin,Card and pin		
Access pin number format	5 digit user num + 4 digit pin	Public pin 4 digit	User pin 4 digit
Wiegand port	1 input port (selectable WG 26 or 34)		
Push button input	1 negative trigger input		
Alarm sensor input	1 negative trigger input		
Door output (dry contact)	0.1-600 sec N.O/N.C, max 24V-1A		
Alarm output (open collector)	0.1-600 sec, active low output		
Reader RF frequency	125KHz or Mifare 13.56Mhz		
Reading range	approx 10cm (4inch)		
Data communication	RS485-9600 bps (N,8,1)		
Power consumption	9-16V,less than 3W		
Dimension, weight	111(h) x 77(w) x 26(d) mm,210 gram		

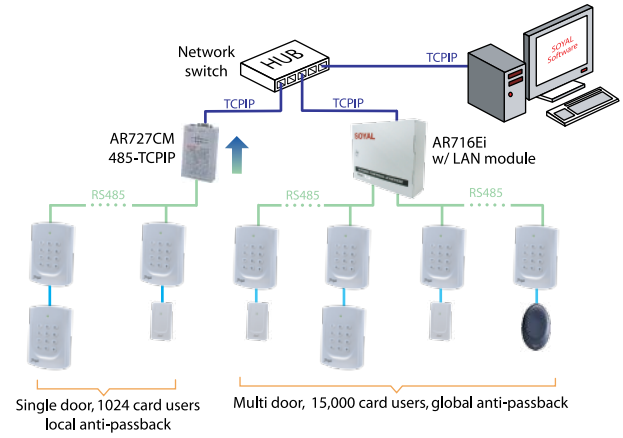
AR721U wiegand specification

RF frequency	125KHz
Reading range	7 cm
Power consumption	9 - 16V,less than 0.7 W
Dimension,weight	81(h) x 43 (w) x 18(d) mm,45 gram

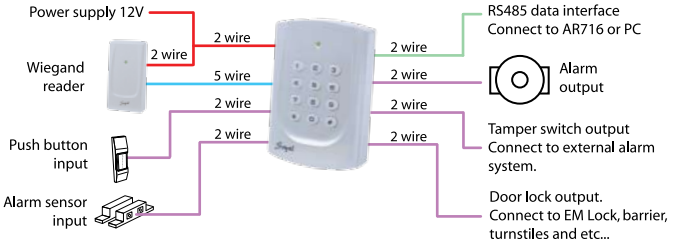
RS485 network connection



TCPIP network connection



Standalone connection



Accessories

SOYAL®

Features, specifications and dimensions are subject to change without notice.

Authorized dealer