Basic

SOYAL®

Access control system

simple . flexible . secure

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

SOYAL Basic system is efficiently 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).

AR721H
Controller with built-in reader

AR721U
Auxiliary Wiegand reader

Low budget economical solution

Highly optimized and simpler design made Basic system to be most affordable best value PC based access control system in market.

Compact modern design

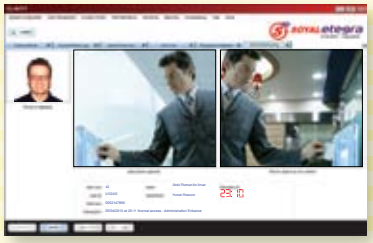
Controller is built in with reader for easier installation, lesser wiring and overall lower maintenance cost. Modern contemporary design can match any decoration.

Easy to use software

Software has clean GUI and optimized to provide practical function instead of crowded with unnecessary features. This make our software easier to learn, simpler to use and easier to be assist by technical support. Our software is simpler enough for small company and yet powerful enough to cater the needs of big organization.

Icon based menu easy to learn

CCTV capture of in & out clocking



Time attendance

Flexible multi shift system automate clocking report to review total work time, break time and overtime of staff. No more long hours of manual calculation. Lateness, early out, long lunch and absenteeism report allow you to monitor staff punctuality and improve company efficiency.

Clean and easy interface

Multi Shift Setting

Built-in alarm function

External alarm will sound off and notify software if door is forced open or left open too long. Alarm can be armed / disarmed by password. Extra value added feature.

CCTV integration

Camera can capture picture for every in and out as visual evidence. This greatly enhances the effectiveness of access control and accuracy of attendance clocking.

SOYALetegra
Access Control Management Software

- Lite - Standalone function
- Pro Basic - Client/server network and CCTV
- Pro Advance - More extensive network and CCTV

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 a secondary system. Generally, AR721H is installed inside as EXIT reader while AR721U is installed outside as ENTRY reader.

AR721H specification

Built-in-operation mode	M4	M6	M8
Card User	1024	65,536	1024
Event Memory	1200	NONE	1200
Time zone / holiday	11 / 120	NONE	11 / 120
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
Direct PC software	YES	NONE	YES
Multi reader networking with AR716E	YES	NONE	YES
Access mode	Card only, Card or 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 (4 inch)		
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		

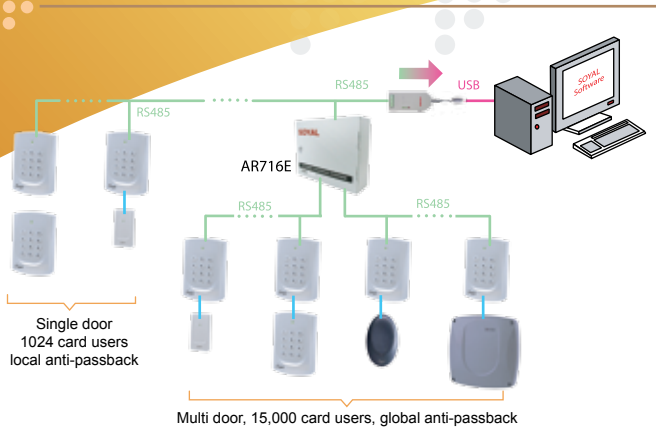
AR721U wiegand specification

RF frequency	125KHz or Mifare 13.56MHz
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

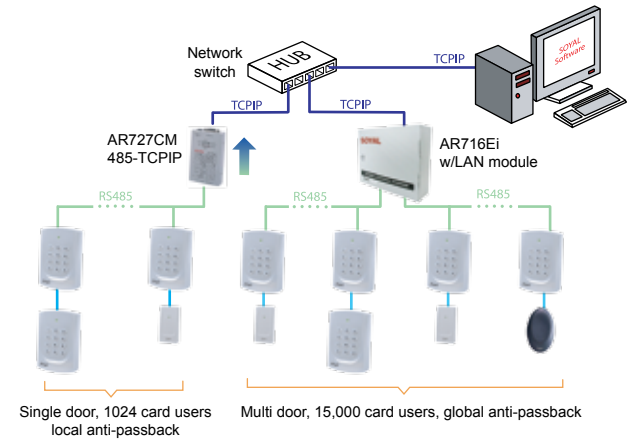
Ordering Info

EM 125KHz	721H, 721U
Mifare 13.56MHz	721H_1356, 721U_1356

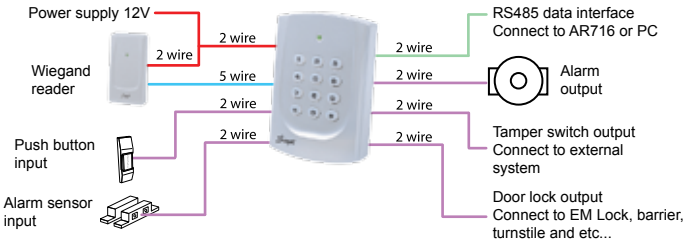
RS485 network connection



TCPIP network connection



Standalone connection



Accessories

Authorized dealer

SOYAL®

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

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