

# CONTROLLER+READER

Networking & Stand-alone Controller  
Networking Reader

## AR-721H

EM125KHz Mifare 13.56MHz

- 11 sets of time zone, different time zone for each user.
- Up to 120 holidays that can be set in a year starting from the editing date.
- TTL serial supported for connecting external printer, LED, etc.
- Built-in anti-tamper function
- Built-in watchdog to prevent the system from halting
- An extra WG port which allows connecting to another WG reader (for exit or anti-pass-back).
- Easily integrated with Soyal or other access control systems.
- Event log preserved up to 10 years



**2** Connected With PC  
-For management purpose

**3** Connected With Controller  
-For up to 15,000 Users.

Multi-Functions

**1** Stand-alone Operation  
-For Door Access Management Purpose

# SOYAL®

FC CE  
SOR MA

MADE IN TAIWAN

Stand-Alone

Networking

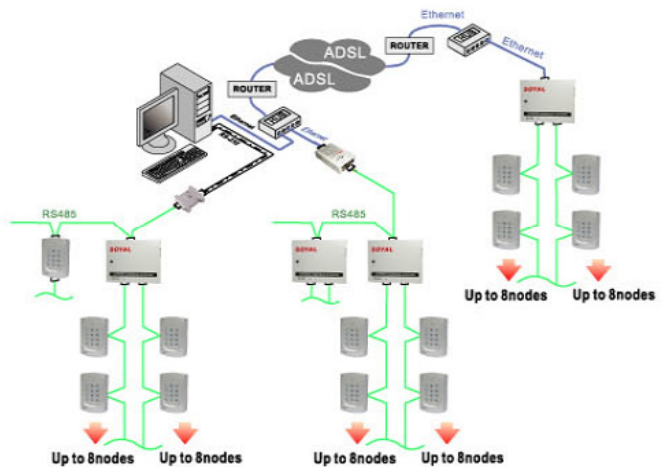
125K

Mifare®

Specification			
Mode No.	M4	M6	M8
RF Frequency	125KHz	13.56MHz mifare	
User Capacity	1,024	65,536	1,024
Event Log	1,200	-	1,200
Power Requirement	9-16VDC		9-24VDC
Power Consumption	12VDC / 100mA		< 3W
Communication Interface	RS-485		
Baud Rate	9600 bps (N, 8, 1)		
Environment	-20°C to +75°C		
DI Input	Egress Button / Door Sensor		
Compliance	--	ISO14443A	
Door Relay Time	0-600 sec.		
Alarm Relay Time	0-600 sec.		
Tamper Resist. Switch	Limit Switch (Form C)		
Aux. WG Port	WG 26/34, ABA-II,		
Anti-pass Back	Yes	-	Yes
Lift Control	Yes (32 stops, 1024 users)	-	Yes (32 stops, 1024 users)
Editing Interface	Controller / PC Software	Controller	Controller / PC Software
Proximity Reading Range	10-18cm (125K) / 3-8CM (13.56M)		
Serial Out	TTL (4800bps, N, 8, 1) (shared with alarm relay)		
Indicator	A bi-color LED and a beeper		
Real Time Clock	Yes		
Color	Dark Gray / Silver		
Dimension (mm)	111(H)*77(W)*26(D)		
Weight (g)	100±10		
Housing Material	ABS		
Access Mode	Card Only Card or PIN Card + PIN	Card Only Card or PIN Card + PIN	Card Only Card or PIN Card + PIN



## System Architecture



## Dimension

