

CONTROLLER + READER

Networking & Stand-alone Controller Networking Reader AR-721H (125K/MIFARE)

- Controller with built-in reader and door relay.
- 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 an external printer, LED etc.
- Built-in anti-tamper function.
- Built-in watchdog to prevent the system from locking up.
- An extra WG port which enables connection to another WG reader (for exit or anti-pass back only).
- Easily integrated with Soyal or other access control systems.
- Event log saved for up to 10 years.



2

Connected to a PC
-For remote management via an RS485 link & connector AR-701CM.



RS485
Host Only

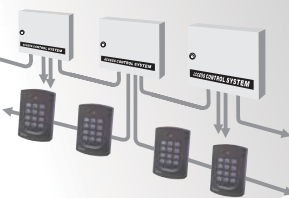
Controller / Reader
(Out)

(30m Max)

Weigand
Reader
(In/Out)

3

Connected to Controller AR716E
-For up to 15,000 Users.



Multi-Functions

1

Stand-alone Operation
-with local access management information via a printer.



Networking & Stand-alone Controller Networking Reader

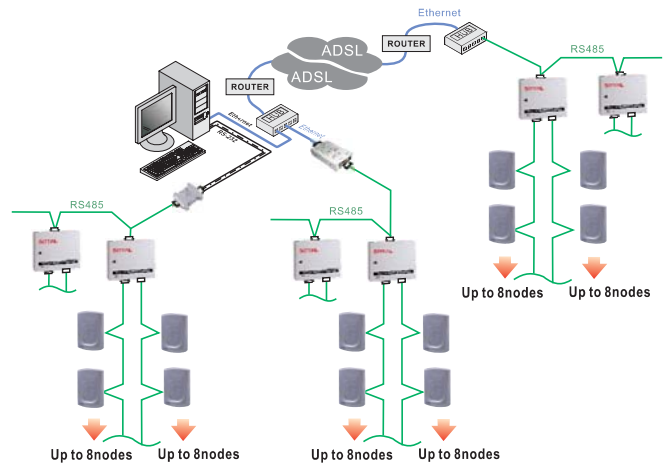
• Stand-Alone • Networking • 125K • Mifare

Specification			
Mode No.	M4 (Stand-alone or Networked)	M6 (Stand-alone)	M8 (Stand-alone or Networked)
RF Frequency	125KHz / 13.56MHz		
User Capacity	1,024	65,536	1,024
User Capacity	1,200	-	1,200
Power Requirement	9-16VDC		
Power Consumption	< 3W		
Communication Interface	RS485		
Baud Rate	9600bps (N, 8, 1)		
Environment	-20°C to +75°C		
DI Input	Egress Button / Door Sensor		
Compliance	ISO14443A (13.56M only)		
Door Relay / Time	2A 12VDC N/O, N.C, Comm / 0-600 sec Max		
Alarm Relay / Time	Transistor Open Collector / 0-600 sec Max		
Tamper Resist. Switch	Limit Switch (From C)		
Aux. WG Port	WG 26/34, ABA-II, OMRON		
Anti-pass Back	Yes	-	Yes
Lift Control	(32 Stops, 1024 users)		(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-colour LED and a beeper		
Colour	Dark Pearl Grey / Silver		
Dimensions (mm)	111(H) x 77(W) x 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

** Under M4, the PIN here actually refers to User Address + PIN which is designed for more security by asking users to key in their individual user address prior to PIN.



System Architecture



Dimensions

