

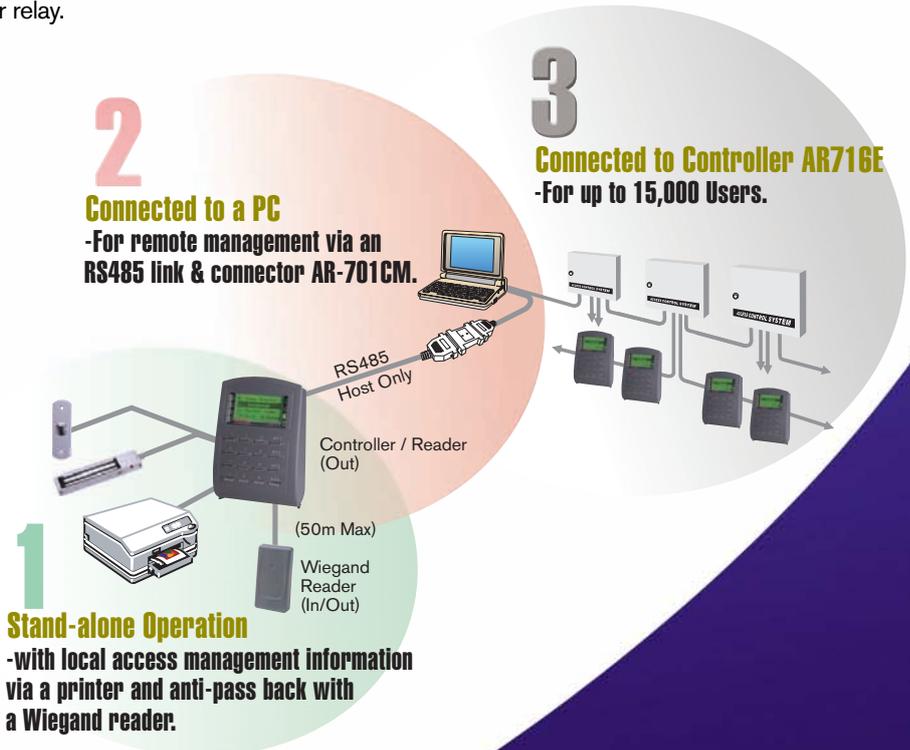
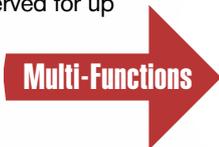
WIEGAND CONTROLLER + READER

Networking & Stand-alone Controller
Networking Reader

AR-727H (125K/MIFARE)



- Controller with built-in reader and door relay.
- Weatherproof for external installation.
- User friendly editing interface supported by LCD panel.
- TTL serial port for connecting external printer, LED etc.
- One built-in lock relay.
- 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).
- Easily integrated with Soyal or other access control systems.
- Event log preserved for up to 10 years.



Networking & Stand-alone Controller Networking Reader

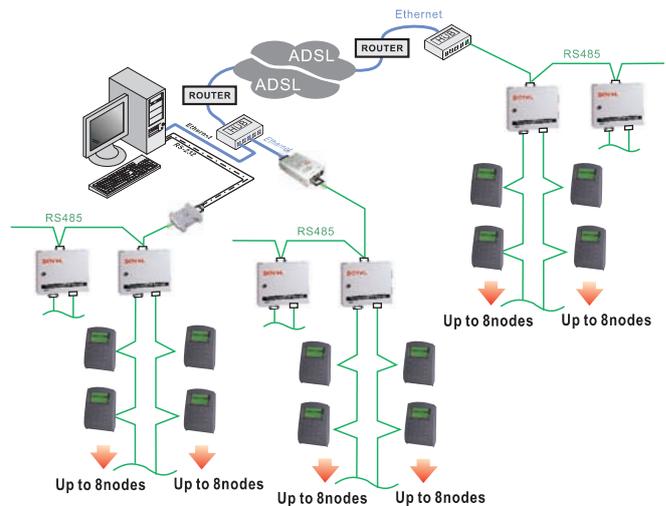
- Stand-Alone • Networking • 125K • Mifare
- Weatherproof

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
Event Log	1,200	-	1,200
Power Requirement	10-24VDC		
Power Consumption	< 3W		
Communication Interface	RS485		
Baud Rate	9600bps (N, 8, 1)		
Environment	-20 to +75°C		
DI Input	Egress Button / Door Sensor / Arming Switch		
Compliance	ISO14443A (13.56M only)		
Door Relay / Time	3A 30Vdc N/O, N/C, COMM / 0-600 sec max.		
Alarm Relay / Time	3A 30Vdc N/O, N/C, COMM / 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)		
Colour	Dark Pearl Grey / Navy		
Dimensions (mm)	126(H) x 91(W) x 46(D)		
Weight (g)	200±10		
Housing material	ABS		
LCD Panel (pixel)	128 x 64 (4 line messages 16 characters each line)		
Access Mode	Card Only Card or PIN ** Card + PIN	Card Only Card or PIN Card + PIN	Card Only Card or PIN Card + PIN

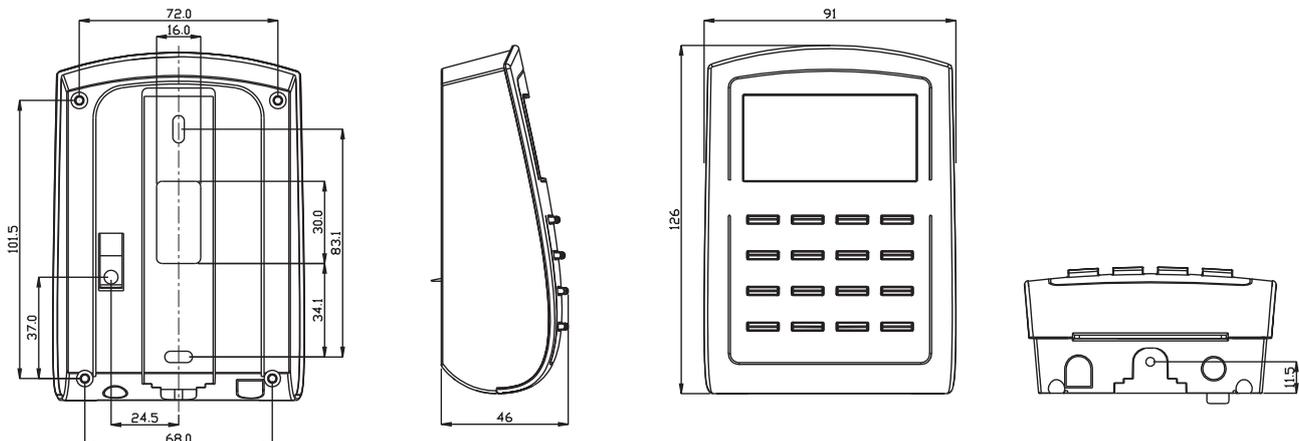
** Under M4, the PIN here actually refers to User Address + PIN which is designed to improve security by asking users to key in their individual user address prior to PIN.



System Architecture



Dimensions



See Wiegand Reader page for reader dimensions.

SYSTEM ARCHITECTURE

