

WIEGAND CONTROLLER + READER

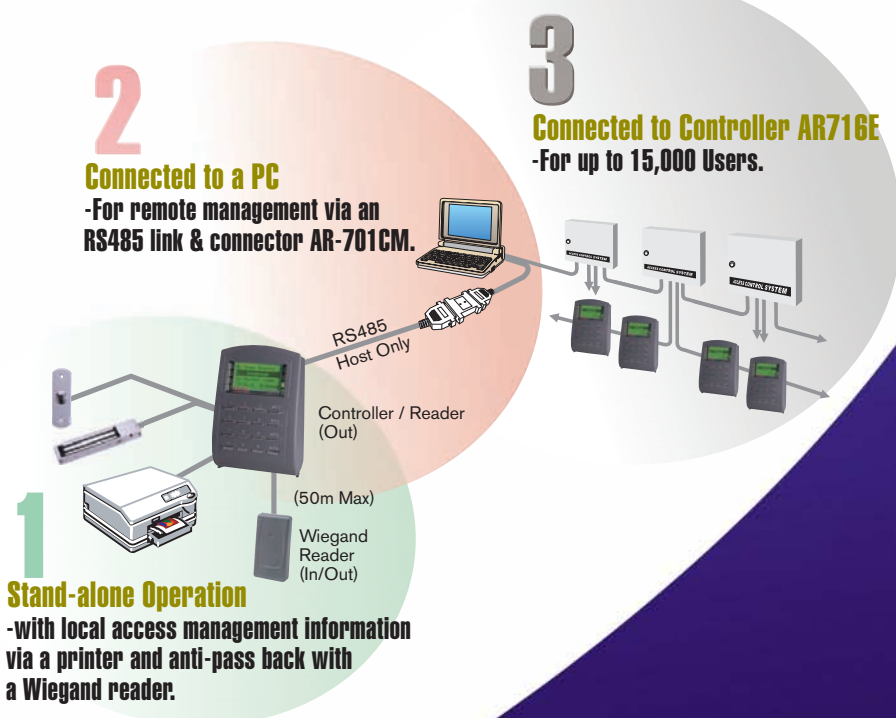
Networking & Stand-alone Controller
Networking Reader

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.

Multi-Functions



RAYTEL SECURITY SYSTEMS



Networking & Stand-alone Controller Networking Reader

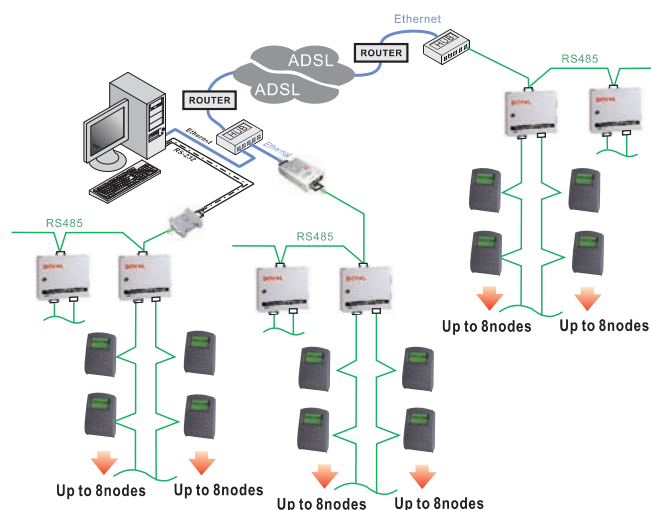
Specification			
Mode No.	M4 (Stand-alone or Networked)	M6 (Stand-alone)	M8 (Stand-alone or Networked)
RF Frequency	125KHz / 13.56MHz		
User Capacity	1,024	65,536	1,024
Event Log	1,200	-	1,200
Power Requirement	10-24VDC		
Power Consumption	< 3W		
Communication Interface	RS485		
Baud Rate	9600bps (N, 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.

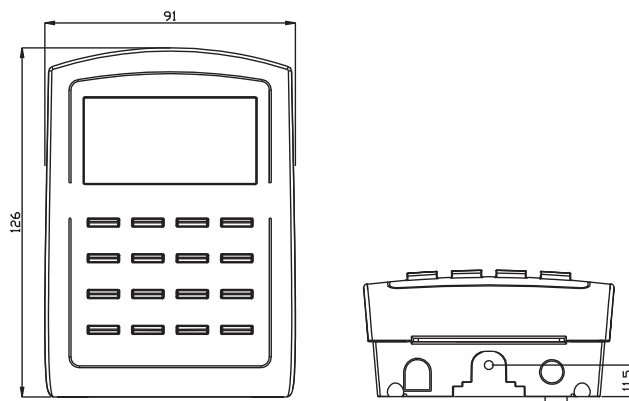
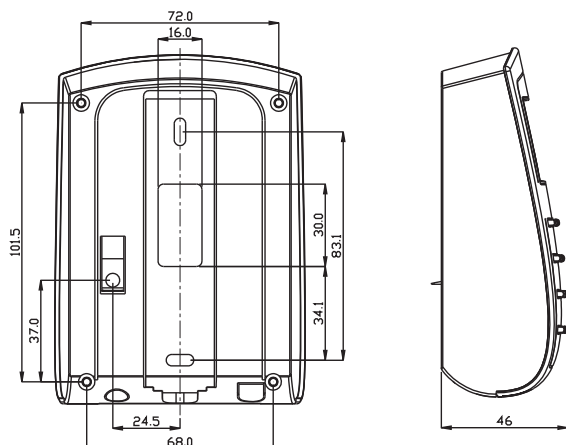
- Stand-Alone • Networking • 125K • Mifare
- Weatherproof



System Architecture

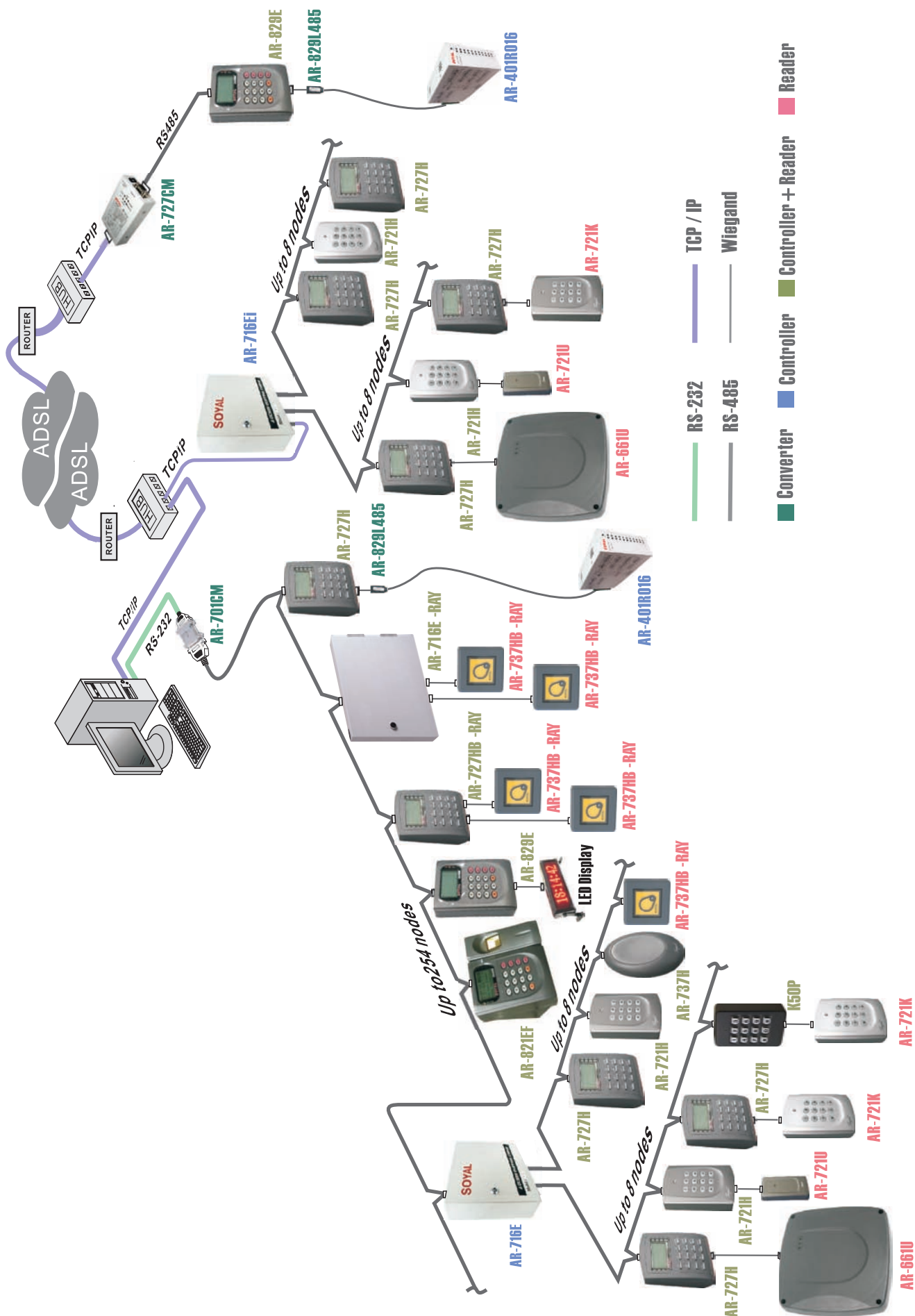


Dimensions



See Wiegand Reader page for reader dimensions.

SYSTEM ARCHITECTURE



Southern Office: Raytel House, Brook Road, Rayleigh, Essex SS6 7XH. Tel: 01268 749310 / Fax: 01268 749315

Northern Office: Unit 3, Block 5, Oakbank Industrial Estate, Garscube Road, Glasgow G20 7LU. Tel: 0141 332 4232 / Fax: 0141 332 6952

email: info@raytelsecurity.co.uk Internet: www.raytelsecurity.co.uk