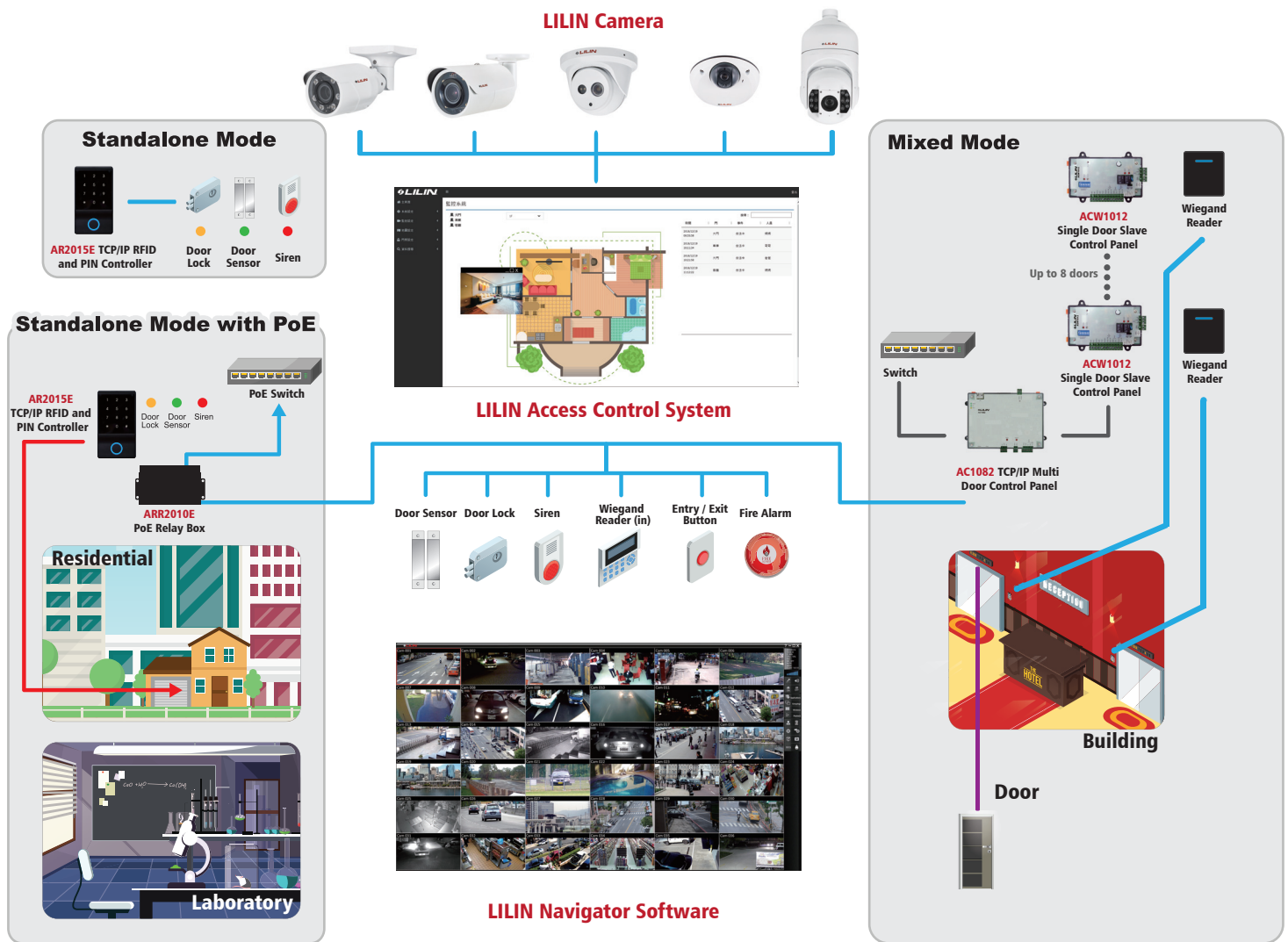




Features

• Web Based RFID and PIN Controller

- Supports standalone mode or web management mode via LILIN Access Control System.
- Stores 20,000 cardholders.
- Stores events up to 65,536 during offline.
- APB (Anti-PassBack): To prevent the cardholders double enter or exit a door with one valid card.
- Duress code: Input a specific code to open the door and send an alarm to the security center.
- Supports NFC.
- IP 65 Waterproof / moisture / dustproof design.
- Supports PoE power supply with ARR2010E.

• Single Door Slave Control Panel

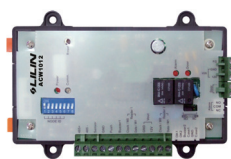
- Works with AC1082.
- Built-in 2 Wiegand interfaces to connect to readers.
- Built-in 4 inputs to connect to a door sensor, an exit button and 2 tamper detection sensors of reader.
- Built-in 2 relay outputs to connect to an electronic lock and an alarm output.
- Auto-Learning function: ACW1012 can store the latest 470 events that cardholders entered and exited door by the valid cards. When ACW1012 was disconnection with AC1082, it can keep working for those valid cards.
- ESD / Surge protection design to protect devices.
- Built-in RTC (Real Time Clock) function ensures accurate date/time.
- Built-in H/W watchdog to keep controller to be available.

• TCP/IP Multi Door Control Panel

- Web management via LILIN Access Control System.
- 2-way control: Up to 8 doors. (It needs to connect to ACW1012)
- Built-in 2 inputs to connect to fire and door closure detection sensors.
- Built-in 1 relay output to connect to an alarm output device.
- Stores 20,000 cardholders.
- Stores events up to 80,000 during offline.
- APB (Anti-PassBack): To prevent the cardholders double enter or exit a door with one valid card.
- Duress code: Input a specific code to open the door and send an alarm to the security center.
- Built-in RTC (Real Time Clock) function ensures accurate date/time.
- Built-in H/W watchdog to keep controller to be available.

• POE Relay Box

- Works with AR2015E.
- Built-in 1 wiegand interface \ 3 inputs(Exit Button / Door Sensor / Fire Alarm) and 2 relay outputs(Door Lock / Alarm) to replace the similar functions of AR2015E in order to prevent the wires can be easily damaged by intruder.
- Built-in H/W watchdog to keep controller to be available.
- Supports PoE power supply, and offers the power to AS2015.
- DC12V output.

Name		TCP/IP MULTI DOOR CONTROL PANEL	TCP/IP RFID AND PIN CONTROLLER	SINGLE DOOR SLAVE CONTROL PANEL	POE RELAY BOX
Model number		AC1082	AR2015E	ACW1012	ARR2010E
Picture					
Communication	Data Communication	TCP/IP	TCP/IP	RS485 (Connect to AC1082)	TCP/IP
	Speed	10 / 100 Mbps	10 / 100 Mbps	Baud rate: 19,200 bps-N-8-1)	10 / 100 Mbps
	Transmission distance	-	-	1000M	80M
	Reader interface	Wiegand (Via ACW1012)	Wiegand	Wiegand	Wiegand
	Wiegand protocol format	26bit or 34bit (Via ACW1012)	26bit or 34bit	26bit or 34bit	26bit or 34bit
Power	Wiegand distance	30M (Via ACW1012)	100M	30M	100M
	Power input	DC 12V / 1A (excluding slave reader)	DC 9 ~ 24V/1A, PoE (Via AR22010E)	DC 12V / 1A (excluding slave reader)	PoE
	Current consumption	500mA (excluding slave reader)	400mA ± 5%	300mA (excluding slave reader)	-
	PoE standard	-	-	-	IEEE802.3af(15.4W)
	PoE distance	-	-	-	100 M
Input / Output Device	Power Output	-	-	DC 12V/500mA	DC 12V/1.2A
	Input ports	2 Inputs (Door sensor/ Fire Alarm)	4 Inputs (Wiegand Input/Exit Button/Door Sensor/Fire Alarm)	4 Input (Exit Button/ Door Sensor/ Wiegand Input*2)	4 Input (Exit Button/ Door Sensor / Wiegand Input/ Fire Alarm)
	Output ports	1 Output (Alarm)	1 Output (Door Lock)	2 Output (Door Lock/ Alarm)	2 Output (Door Lock/ Alarm)
General	LED Indicator	Power/ Status/ Communication	Standby/ Pass/ Not Passed	Power/ Communication	Alarm/ Fire Alarm/ Door Sensor/ Exit Button/ Door Lock/ 485 Signal light/ Status light/ Power
	Number of door	8 (Via ACW1012)	1	-	-
	Supported card	-	Mifare 1.0, NFC	-	-
	Number of cardholders	20000	20000	-	-
	Offline events	80000	65536	Auto-Learning the latest 470 cardholders when AC1082 offline.	-
	Remote control	yes	yes	-	-
	2-way control	yes	yes	-	-
	Anti-PassBack	yes	yes	-	-
	Duress code	yes	yes	-	-
	Built-in RTC	yes	-	yes	-
	Built-in H/W watchdog	yes	yes	yes	yes
	ESD / Surge protection design	-	-	yes	-
	Maximum relay output	DC 5V/500mA	DC 30V/3A	DC 12V/2A or DC 24V/1A	DC 30V/3A
	Regulatory Compliance	CE	CE, FCC, IP65	CE	CE, FCC
	Works with	-	-	AC1082	AR2015E
Appearance / Environment	Operating temperature	-10 °C ~ +55 °C / 14 °F ~ 131 °F	0 °C ~ +65 °C / 32 °F ~ 149 °F	-10 °C ~ +55 °C / 14 °F ~ 131 °F	0 °C ~ +65 °C / 32 °F ~ 149 °F
	Operating humidity	20% ~ 80% (Non-condensing)	5% ~ 80% (Non-condensing)	20% ~ 80% (Non-condensing)	5% ~ 80% (Non-condensing)
	Dimensions	150(L) × 210(W) × 29(H) mm	78.5(L) × 129(W) × 23(H) mm	150(L) × 100(W) × 30(H) mm	105.05(L) × 71.75(W) × 28.3(H) mm
	Weight	297g	122 g	202g	135 g
	Button Type	-	Touch panel	-	-

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