

8900 Network PoE Door Access Panel



FEATURES

- User defined 128 bits master key on panel for proprietary communication
- Scramble data encryption between PC to PANEL
- Scramble data encryption between PANEL to ACX RS485 reader
- Support wiegand reader
- Support ACX LCD reader
- Multi card number format, multi site code
- True IP communication, PoE
- Supervise I/O monitoring
- Work with ACX high security emergency key switch
- Panel Interactive message on ACX LCD reader

SPECIFICATION

Communication		Reader	
PC to Panel	TCP / IP, 100Mbps with 128 bits custom key for random encryption	Wiegand Reader	Communication : Wiegand Green / Red LED control Buzzer control Reader in 6 wires connection Max. cable length : 150m
Max. Panel	Depends on IP address available		
Wiring Methods	Panel to PoE hub, CAT 5 cable (max. 100 meters)		
ACX Reader		ACX Reader	Communication : RS485 High Security scramble data encryption 7 x LED color control Buzzer Control Interactive message display for ACX LCD reader Reader in 4 wires connection Max. cable length : 1,200m
Memory (Per Door)			
Card Holder	<ol style="list-style-type: none"> Standard Version : 8 bytes card number only : 40,960 With 16 bytes card holder info : 27,306 Professional Version : 8 bytes card number only : 84,650 With 16 bytes card holder info : 56,433 		
Transaction	42,816	Parameters	
Events	800	Holidays	100 Holiday dates
Panel I/O		Timezone	80 x access control time zone 1 x password time zone 1 x electric Lock time zone 1 x alarm time zone 1 x door ajar time zone 1 x request to exit time zone 1 x twin card operation time zone 1 x system message display time zone, work with ACX display reader All timezone can be assigned from Monday to Sunday and Holiday, 4 intervals per day, time zone can be selected globally or individually
Panel Input	1 x IN and 1 x OUT Wiegand reader or; 1 x IN and 1 x OUT ACX scramble RS485 reader 1 x door sensor input 1 x request to exit input 2 x auxiliary input 1 x controller box tamper input 1 x ACX high security key open door device Power input monitoring : A.C. / D.C. / Backup Battery Work with ACX high security door emergency open device, couple with random key switch & reset panel	Password	User password for time zone access Global password for open door through key in PIN code directly Duress password
Panel Output	1 x E-Lock relay dry contact output, max. 10A current rating 1 x Alarm relay dry contact output, max. 3A current rating 1 x Door ajar TTL signal output, 5VDC output, 20mA 13VDC battery charging	Power Supply	
ACX Key Switch	Random KEY GREEN / RED / OFF LED indication Trouble OPEN and Trouble CLOSE protection Tamper protection Manual Reset protection	Backup Battery	12VDC, 7AH backup battery, provide at least 4 hours operation, excludes electric lock power consumption
Expansion	1 x RS485 serial port for expansion, software and hardware interface to other system	Operating Voltage	12VDC, 3A output
		Others	
		Operating Temperature	0° to 65° C
		Operating Humidity	0-95% relative humidity non-condensing
		PCB Dimension	120mm x 120mm x 20mm