

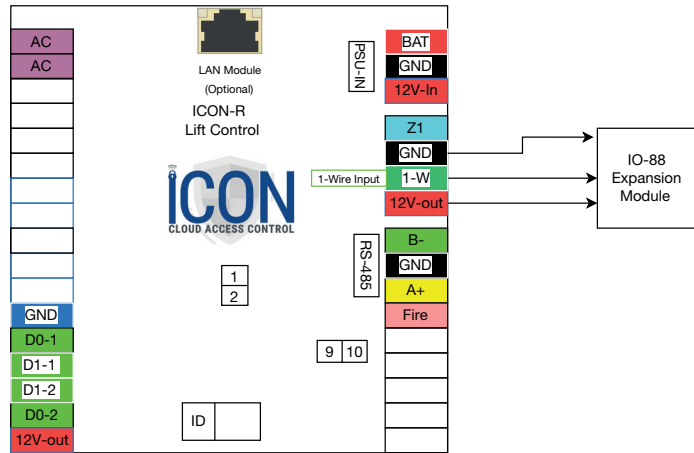
Relay Controller

ICON-R

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RELAY CONTROLLER

LED No	Status
LED 1	Power ON
LED 2	Backup Power
LED 9	Comm RX
LED 10	Comm TX



Key features

- Norms: EN 50133-2-1 / BDS 50133
- USB / LAN / WIFI / GPRS communication compatible.
- RS485 network (max 253 devices) and 1-W communication.
- Automatic switching of communication mode; RS485 to USB or LAN.
- Managed via Icon Cloud.
- 2no groups of IO with 16 outputs, or 1 group of IO with 32 outputs, or 1 group of IP with 256 outputs.
- 4no proximity reader operating modes including time-zone automatic mode-switching.
- Emergency door unlock features from external sources.
- Time-zone control of outputs, max 256.
- Access time-zone restrictions, max 256.
- Customisable (I/O) Input / Output standby status settings.
- Non-volatile memory, time-clock.
- Open WEB SDK protocol.
- Standalone or network operation.
- Duress mode; forced door, door left open etc.
- ATZ compatible; alarms etc.
- Backup battery output with deep discharge protection.
- Battery test feature without interruption of normal operation.

Technical specifications

Capacity for users	9727
Event memory	3056
Inputs	2no proximity readers 26 or 34 bit WIEGAND, or 2no keypads
Readers	Prox key (Fob), Fob + keypad code, Fob or keypad code
Reader mode	5no inputs (2no PTE, 2no Contact, 1no Emergency), 1no ATZ Alarm Zone.
Outputs	4no 30V/2A rated relay outputs, 1no battery output.
Communication	1-W, RS 485, (USB/LAN/WIFI/GPRS complete with additional module)
Power supply voltage	12 V DC
Operating current (mA)	80 mA
Light indicators	Yes
Operating temperature	-25°C to +75°C
Operating humidity (RH)	10% to 90% (non-condensing)
Dimensions	105L x 90W x 25D mm



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