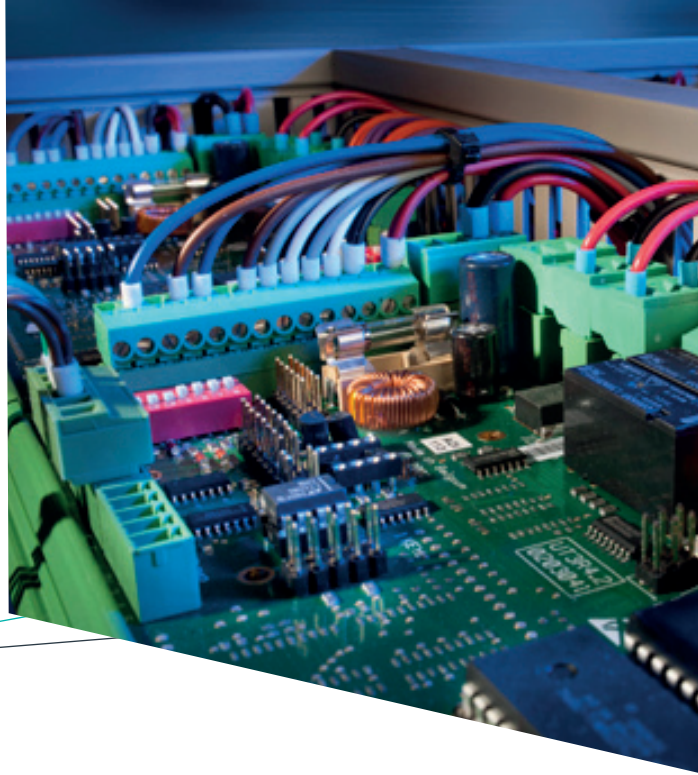


# HARDWARE

Standard controller platform – R.C.P.



The standard distributed controller (R.C.P./xx) has the memory, communications cards, microprocessor and power supply necessary to manage local units. These units provide local control over access (L.A.U.), timeclocks (L.T.U.) and alarms (L.S.U.).

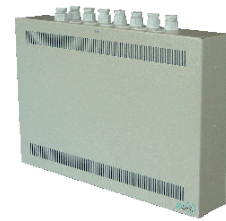
BOARD VERSION



DIN VERSION



HOUSING VERSION

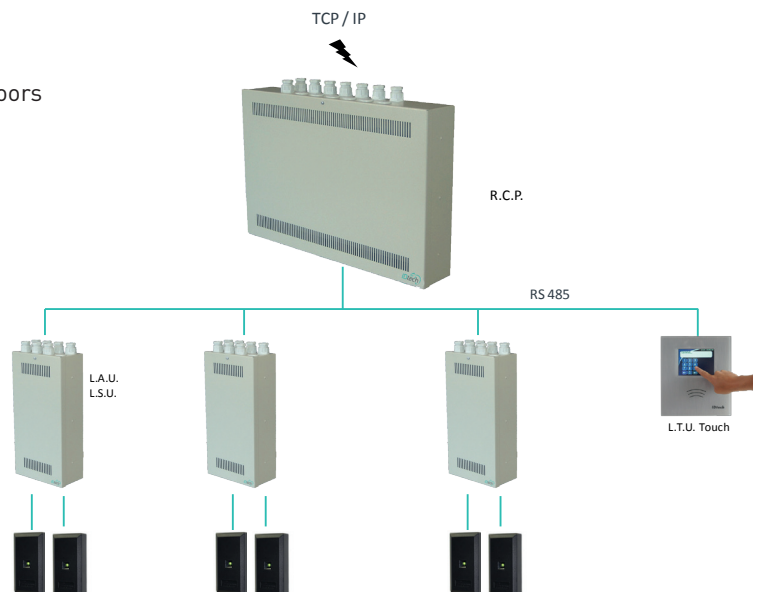


This configuration optimizes equipment costs while centralising information in a single intelligent controller managing several local units.

3 versions of the R.C.P./xx exist:

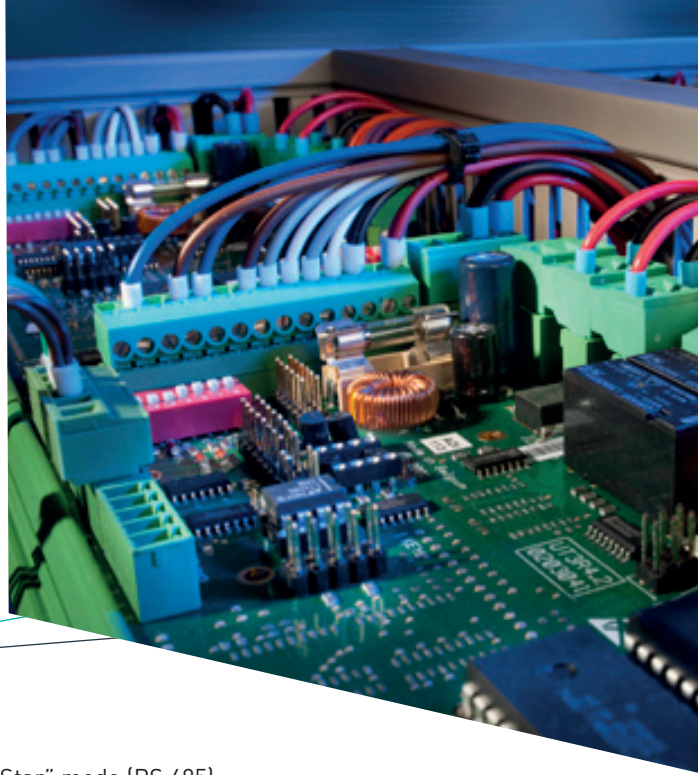
1. R.C.P. / b4 : «Remote Controller Platform» for 4 local units\* in “Bus” mode (RS 485)

- Maximum 4 local units on the RS485 bus
- Controls up to 8 read heads
- Controls 4 entry/exit doors or 8 entry-only doors



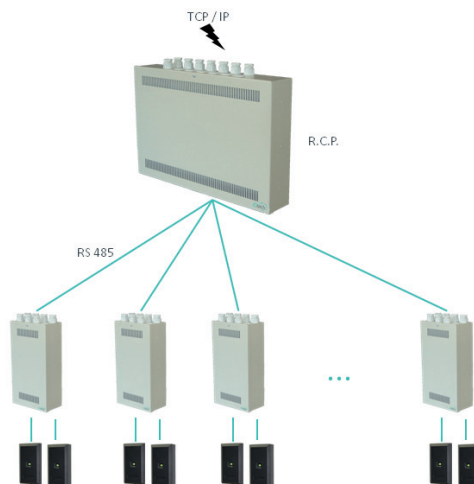
# HARDWARE

Standard controller platform – R.C.P.



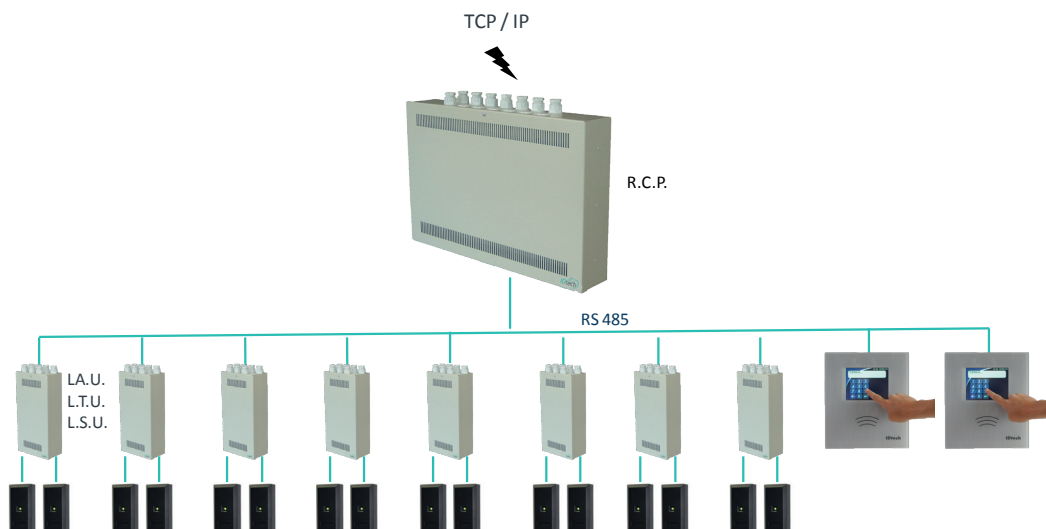
## 2. R.C.P. / m8 : «Remote Controller Platform» for 8 local units\* in “Star” mode (RS 485)

- Maximum 8 local units in RS485 star mode
- Controls up to 16 read heads
- Controls 8 entry/exit doors or 16 entry-only doors



## 3. R.C.P. / b10 : «Remote Controller Platform» for 10 local units\* in “Bus” mode (RS 485)

- Maximum 10 local units on the RS485 bus
- Controls up to 20 read heads
- Controls 10 entry/exit doors or 20 entry-only doors



\* L.A.U, L.T.U. or L.S.U

## SPECIFICATIONS

Available options	<ul style="list-style-type: none"> <li>Tamper switch</li> <li>Modem / GPRS</li> <li>Battery Backup (B.P.S.)</li> </ul>
Output voltage	12 V DC or 100 to 240 V AC (50-60 Hz)
Typical power consumption	<ul style="list-style-type: none"> <li>R.C.P./b4 : 150 mAmp at 12 V DC</li> <li>R.C.P./m8 : 300 mAmp at 12 V DC</li> <li>R.C.P./b10 : 150 mAmp at 12 V DC (excluding peripherals)</li> </ul>
Battery backup	+ - 5 years of data retention
Central unit connectivity	RJ45 Ethernet 10 Base-T or 100 Base-TX (auto-sensing)
Local Units connectivity (L.A.U., L.T.U., L.S.U.)	<ul style="list-style-type: none"> <li>Bus RS 485 with R.C.P./b4 and b10</li> <li>R.C.P./m8</li> <li>Power 12 volts DC (500 mA max/ local unit)</li> </ul>
Size	R.C.P./b4 and b10; 12 and 220 Volts: 300 mm * 300 mm * 80 mm R.C.P./m8: 300 mm * 450 mm * 80 mm
Mounting	Wall-mounting, din, rail
Temperature	0°C...+ 60°C
Conformity	CE

## FEATURES

- All events and parameters are stored to ensure the access control and alarm management functions are carried out in full and the latest calculated balances are communicated to the time management system
- Tables of programmed actions
- Access, timeclock and alarm control at remote sites (in option, via modem, Wi-Fi or GPRS)
- Fire control to allow emergency evacuation

## CHARACTERISTICS

- Autonomous controller
- Secure communication protocol
- Hardware operational control that reports any errors or technical faults to the central unit
- Continuous operation with or without connection to the central unit
- Ethernet network connectivity ready
- Automatic data synchronisation failure communication with the central unit
- Control of 4, 8 or 10 local units depending on the model
- Choice between two types of connection with the Local Units: Bus RS485 or Point to Point RS485)
- Procedures and information backed up in the event of power failure
- Large memory capability: 20,000 cards and 5,000 events (other capacities, up to more than 100,000, available as an option)
- Procedures and information backed up in the event of power failure
- Fully integrated to the IDtech software suite
- 100% compatible with the controllers in the IDtech range
  - R.A.U.; R.T.U.; R.S.U
- Simple and easy installation
  - Wall-mounted, din, rail
  - Power supply required (220 V) + back-up battery available
  - Connection to the central management unit via IP link (cabled or wireless), GPRS or serial connection
  - Connection to local units (L.A.U., L.T.U. or L.S.U.)
  - Connection to peripherals via removable connectors



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