



## SOME STANDARD FEATURES

- Remote multi-devices controller
- On-line and off-line operation
- Automatic data upload and download after communication failures
- Secured communication protocol
- Hardware failure monitoring
- Management of any type of local units: L.A.U., L.T.U., L.S.U., L.L.U.
- Adaptive configuration: 4 to 10 local units using RS485, 8 local units using point to point connection
- Large storage capability: 20.000 cards and 5.000 events
- Remote tasks scheduling
- Remote storage of necessary data to process Access Control, Time & Attendance, Alarm Monitoring transactions. Remote recording of off-line events.
- Process information backup
- 100% integration with:
  - UNIPASS : Access Control
  - UNITIME : Time Management
  - UNIGUARD : Alarm Monitoring
- 100 % compatibility with the other IDtech remote controllers:
  - R.A.U.; R.T.U.; R.S.U.
  - R.C.U./m8; R.C.U./b10; R.C.U./m16
- Simple and easy installation

## SPECIFICATIONS

### Available options

- Tamper switch
- Ethernet Module; Modem
- Battery Backup (B.P.S.)

### Power Supply

- 12 VDC or 220 VAC

### Typical Power Consumption

- R.C.P./b4 : 150 mA
- R.C.P./m8 : 500 mA
- R.C.P./b10 : 150 mA without peripherals

### Battery Backup

- +- 5 years of data retention

### Central Unit Connectivity

- Asynchronous: RS 232, Current Loop,
- Ethernet

### Local Units connectivity

- (L.A.U., L.T.U., L.S.U.) Bus RS 485 with R.C.P./b4 and b10  
CL 20 mAmps with R.C.P./m8
- Power 12 volts DC (500 mA max/ local unit)

### Size

- R.C.P./b4 and b10; 12 and 220 Volts: 300 mm \* 300 mm \* 80 mm
- Additional housing for the R.C.P./m8: 300 mm \* 450 mm \* 80 mm

### Fixation

- Wall-mounting

### Temperature

- 0...+60 °C

### Conformity

- CE

## STANDARD CONTROLLER PLATFORM

### R.C.P./xx: Remote Controller Platform

Developed by IDtech and based on an open and evolutive distributed intelligence, the R.C.P/xx meets all hardware requirements such as the management of the Local Access Units, the local Time units and / or the Local security-box Units.

The R.C.P./xx controls local units managing access control (L.A.U.), time & attendance (L.T.U.) or alarms (L.S.U.) transactions. This configuration reduces the equipment costs centralizing the data storage and processing in a single intelligent controller for several local units. The extensive range of R.C.P./xx controllers minimizes your hardware investment optimizing the configuration according to the geographic and cabling constrains.

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)
- 2/ R.C.P. / m8 : «Remote Controller Platform»  
for 8 Local Units\* in "Star" mode  
(Current loop 20 mAmps)
- 3/ R.C.P. / b10 : «Remote Controller Platform»  
for 10 Local Units\* in "Bus" mode (RS 485)

The R.C.P./xx contains locally all necessary hardware and firmware components to perform Access Control, Time & Attendance and/or Alarm Management local decisions and events storage.

The R.C.P./xx handles remotely 20.000 users, and stores 5.000 events (extended memory available on request). All communication modes between remote controllers and server are available: TCP/IP, RS 232, Current Loop 20 mA.

The communication between the R.C.P./xx. and the upper level is permanently controlled and monitored.

Installing the R.C.P./xx is fast and easy; fix it to the wall, connect the host and peripherals and power it. All connections use removable screw terminals.

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

