



SOME STANDARD FEATURES

- Autonomous controller
- On-line and off-line operation
- Automatic data upload and download after communication failures
- Secured communication protocol
- Hardware failure monitoring
- Access and Alarm Management on remote sites
- Control of one door entrance / exit or two door entrances
- Large storage capability: 20.000 cards and 5.000 events
- Remote tasks scheduling
- Remote storage of necessary data to process Access Control and Alarm Monitoring transactions
- Process information backup
- 100 % integration with UNIPASS : Access Control
UNITIME : Time Management
UNIGUARD : Alarm Monitoring
- 100 % compatibility with the other IDtech remote controllers R.T.U.; R.S.U. R.C.P./b4, R.C.P./m8; R.C.P./b10 R.C.U./m8; R.C.U./b10; R.C.U./m16
- Simple and easy installation

SPECIFICATIONS

Available options

- Tamper switch; additional I/O
- Ethernet Module; Modem
- Battery Backup (B.P.S.)

Power Supply

- 12 VDC or 220 VAC

Typical Power Consumption

- 0,35 Amp (without peripherals)

Battery Backup

- +/- 5 years of data retention

Central Unit Connectivity

- Asynchronous: RS 232, Current Loop,
- Ethernet

Available reader inputs

- 2 TTL inputs for iso (clk, dat) or wiegand (D0, D1) format
- 2 leds / head
- Beeper
- Others on request

Logical inputs

- 4 voltage-free inputs (Expandable to 8)

Output relays

- 2 relay outputs NO, NC (Expandable to 8)

Size

- 220 Volts without battery: 300 mm * 300 mm * 80 mm
- 220 Volts with battery: 300 mm * 450 mm * 80 mm

Mounting

- Wall-mounting

Temperature

- 0...+60°C

Conformity

- CE

AUTONOMOUS ACCESS CONTROL UNIT

R.A.U.: Remote Access Unit

Developed by IDtech and based on an open and evolving architecture, the R.A.U. fulfils all hardware requirements to perform application software such as the Access Control and/or the Alarm Management.

The R.A.U. contains locally all necessary hardware and firmware components to perform Access Control and/or Alarm Management local decisions.

The R.A.U. controls various types of obstacles: simple, double or metal covered doors, safety locks, gates, single or bidirectional turnstiles, revolving doors and others.

The R.A.U. is an independent controller managing one door entrance/exit or two door entrances. The R.A.U. contains all necessary information relating to the access control profiles, is equipped with logical IN and OUT contacts, to manage the access control in a totally independent way.

The standard R.A.U. has 4 logical IN and 2 OUT contacts. Unused contacts are free for external systems, like CCTV.

The R.A.U. controller can handle up to 20.000 persons, memorize over 5.000 events (other available capacities are optional) and has a communication port (RS 232) for direct connection to a PC or a modem. The R.A.U. can be provided with a TCP/IP module (optional).

The communication between the R.A.U. and the higher level is permanently controlled and monitored.

The R.A.U. is compatible with many personal identification technologies, such as traditional readers with or without keypad (magstripe, smartcard, remote control), proximity readers with or without keypad (standard, contactless smartcard like Mifare or HSF, ...) or biometric readers (iris, hand geometry, fingerprint, ...).

Installing the R.A.U. is fast and easy; just fix it to the wall, connect the host and the peripheral access elements (locks, push buttons, door sensors, break-glass, etc) and power it. All the peripherals are connected through removable screw terminals.

