



SOME STANDARD FEATURES

- Secured communication protocol
- Compatibility with magnetic, proximity, HSF, Mifare readers, remote control, smart card, iris recognition, the fingerprint, the hand geometry, etc
- Control of one door entrance/exit or two door entrances
- Hardware failure monitoring
- Total integration with
UNIPASS : Access Control
UNITIME : Time Management
UNIGUARD : Alarm Monitoring
- Compatibility with the IDtech intelligent remote controllers range
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
- communication modules

Power supply

- 12 VDC

Typical power consumption

- 0,25 Amp

Connections with the controller

- RS 485 Bus with R.C.P./b4, b10 and R.C.U./b10
CL 20 mA with R.C.P./m8 and R.C.U./m8 and R.C.U./m16

Power supply

- 12 volts DC
(500 mA max / local unit)

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
(Exp to 8)

Size

- 300 mm * 150 mm * 80 mm

Mounting

- Wall-mounting

Temperature

- 0...+60°C

Conformity

- CE

LOCAL ACCESS CONTROL UNIT

L.A.U.: Local Access Unit

The IDtech access control unit 'L.A.U.' is connected to a controller and manage the communication between an intelligent remote controller (R.C.U./xx, R.C.P./xx) and the different door peripherals.

The standard L.A.U. controls 2 keyboards, 2 read heads for personal identification, 4 logical inputs (expandable to 8) and 2 output relays (expandable to 8).

Optional, the L.A.U. can be upgraded with:

- >> 2 additional output relays
- >> 1 I/O module: 4 inputs / 4 outputs
- >> 1 serial communication module (serial read head)

The «Local Access Unit» controls one door entrance/exit or two door entrances. The unused inputs/outputs can be used for extra alarm monitoring or to control additional devices such as the lighting, video cameras, sirens, etc.

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

The communication between the L.A.U. and the upper level is permanently controlled and monitored.

The L.A.U. is compatible with many personal identification technologies, such as traditional readers with or without keypad (magnetic, 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 L.A.U. is fast and easy; just fix it to the wall, connect it to the controller using a RS 485 Bus or CL 20 mA, connect the controller 12 Volts DC power cable and connect it to the obstacle peripherals (locks, push buttons, door sensors, break-glass, etc). All the peripherals are connected through removable screw terminals.

