

HARDWARE

Autonomous time management unit – R.T.U.



The Remote Time Unit (R.T.U.) is a timeclock terminal specially designed for entering working hours.

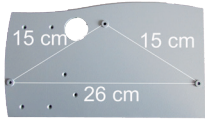


A POE (Power Over Ethernet) option is also available. This option powers the device immediately thru the Ethernet connection.

As standard, the R.T.U. can control :

- 4 logical inputs
- 2 relay outputs

SPECIFICATIONS

Available options	<ul style="list-style-type: none"> • Modem / GPRS • Power Over Ethernet • Battery Backup (B.P.S.) • Outdoor version
Output voltage	12 V DC or 100 to 240 V AC (50-60 Hz)
Typical power consumption	0.35 A (excluding peripherals) at 12 V DC
Battery backup	+ - 5 years of data retention
Central unit connectivity	RJ45 Ethernet 10 Base-T or 100 Base-TX (auto-sensing)
Available reader inputs	TTL input for iso (clk, dat) or wiegand (D0, D1) format
Keypad	16 keys
User interface	<ul style="list-style-type: none"> • LCD 4 lines of 40 characters • Backlight • Beeper • 4 LEDs
Logical inputs	4 voltage-free inputs
Output relays	2 relay outputs NO, NC
Size	29,5 cm x 17,4 cm x 4,6 cm
Fixing points	
Mounting	Wall-mounting
Temperature	0°C....+ 60°C
Conformity	CE

FEATURES

- Numeric codes (missions, ...) entry
- Timeclock control at remote sites (in option, via modem, Wi-Fi or GPRS)
- Tables of programmed actions
- All timeclock events and parameters stored to ensure the time management functions are carried out in full
- In On-line mode, consultation of the periodic results and the counters
- The last result is available in offline mode if connected to the controller on which it depends

CHARACTERISTICS

- Autonomous time registration device
- 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 after failure communication with the central unit
- Data storage 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)
- Compatible with a variety of identification technologies: magnetic, chip card, remote control, Mifare, Desfire, Magstripe, biometrics (iris, fingerprint, hand geometry)
- 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.S.U.
 - R.C.P./b4; R.C.P./m8; R.C.P./b10
- Simple and easy installation
 - Wall-mounted
 - Power supply required (220 V)
 - Connection to the central management unit via IP link (cabled or wireless), GPRS or serial connection
 - Connection to peripherals via removable connectors



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