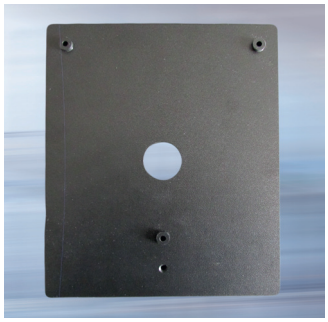
HARDWARE

Autonomous time mangement unit – R.T.U. Touch

The remote time unit (R.T.U. Touch) is a timeclock terminal with a touch-sensitive screen specially designed for entering working hours.



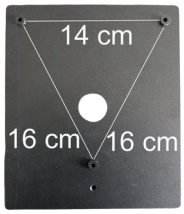
The timeclock terminal is equipped with a touchscreen, making it very easy to use. The graphical display can be customised and offers high-resolution images. The touchscreen also makes it possible to enter numerical codes for missions, reasons for absence or other specific codes.

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

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

- 4 logical inputs
- 2 relay outputs

SPECIFICATIONS

Available options	• Modem / GPRS • Battery Backup (B.P.S.) • Power Over Ethernet
Output voltage	12 V DC or 100 to 240 V AC (50-60 Hz)
Typical power consumption	0.35 mA (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
Touchscreen	11.5 cm x 8.5 cm Resolution: 320 x 240 px 65536 colours
Logical inputs	4 voltage-free inputs
Output relays	2 relay outputs NO, NC
Size	26 cm x 23 cm x 6,5 cm
Fixing points	
Mounting	Wall-mounting
Temperature	0°C....+ 60°C
Conformity	CE

FEATURES

- Numeric code entry using the touchscreen
- 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
- Query results for specific periods and counter values in online mode
- The last result is available in offline mode if connected to the controller

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) + back-up battery available
    - 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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