



SOME STANDARD FEATURES

- Autonomous time registration terminal
- On-line and off-line operation
- Automatic data upload and download after communication failures
- Secured communication protocol
- Hardware failure monitoring
- Time Management on remote sites
- Large storage capability: 20.000 cards and 5.000 events
- Tables of programmed actions
- Memorization of all the clockings and the necessary parameters to perform time management
- In On-line mode, consultation of the periodic results and the counters
- In Off-line mode, last computed balance
- Process information backup
- 100 % integration with
UNIPASS : Access Control
UNITIME : Time Management
UNIGUARD : Alarm Monitoring
- 100 % compatibility with the other IDtech controllers
R.A.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

- Ethernet Module; Modem
- Battery Backup (B.P.S.)
- Outdoor version

Power Supply

- 12 VDC or 220 VAC

Typical Power Consumption

- 0,35 Amp

Battery backup

- +- 5 years of data retention

Central Unit Connectivity

- Asynchronous: RS 232, CL 20 mA, modem 4800 bauds
- Network option: Ethernet 10 Mbits (RJ 45)

Available reader inputs

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

Keypad

- 16 keys

User interface

- 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

Mounting

- Wall-mounting

Temperature

- 5... +60°C

Conformity

- CE

AUTONOMOUS TIME REGISTRATION UNIT

R.T.U.: Remote Time Unit

Developed by IDtech and based on an open and evolving architecture, the R.T.U. is an autonomous time registration terminal that meets all hardware requirements to perform application software such as the Time Management or activities planning.

Ergonomic, interactive and easy to use, the R.T.U. was especially designed for time data capture on site.

Every R.T.U. is made of a memory, a processor, a personal identification device, a large back lighted LCD display providing information supplied by the controller such as time balances, messages. The keyboard allows to key in numeric codes to capture mission, off-time codes or any other customer defined information.

Two versions of the registration terminals R.T.U. are available: indoor and outdoor (optional).

The R.T.U. contains the necessary data to display user information in a totally independent way.

The autonomous registration terminal R.T.U. 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.T.U. can be provided with a TCP/IP module (optional).

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

The R.T.U. is compatible with many personal identification technologies, such as traditional readers (magstripe, smartcard), proximity readers (Mifare, HSF, W26 bits, Magstripe, or others) or biometric readers (iris, hand geometry, fingerprint).

The installation of the R.T.U. is easy and fast; just fix it to the wall, connect the host and power it.

