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4Time.

Security personnel monitoring device

4Time is a device for security personnel monitoring equipped with an RFID reader, a GPS module, a GSM (2G or 3G) modem for two-way communication (including voice), a safe and resistant display and a mini flashlight.

RFID Reader - the use of popular and cheap RFID 125 kHz technology allows you to confirm the presence of a person at a given place and time. All thanks to reading a unique TAG, located at a control point. The device reader supports a wide range of control points available on the market.

GPS - unlike competing products, the device is equipped with a GPS module which, in addition to registration of an RFID point reading, also provides the actual whereabouts of a member of personnel. Cheating the system therefore becomes extremely difficult, and the level of user safety increases significantly through knowledge of their position.

Display - the alphanumeric display, resistant to environmental conditions and enclosed within a transparent casing, enables two-way communication with the employee. It is also possible to send information about the route number for an employee's round, the number of the account to be checked, or special operations to be performed. Similarly, the employee may report events or problems using a special code.

Communication - basic device functions include continuous data transmission via the built-in GSM (2G or 3G) modem, or voice communication. Permanent connection to the operations room combined with an innovative mechanism for ongoing cost control allow for supervision of personnel equipped with the device. An additional feature of making and receiving calls only from defined telephone numbers helps to ensure that the device is used only for business purposes.

Robust design - 4Time is designed for use in adverse environmental conditions, wherever it is needed by members of personnel. It also has the required producer certification for meeting CE safety and emissions standards.



Technical parameters

Proximity reader	RFiD 125 kHz (range 3 cm)	User interface	5 buttons (PANIC, CALL ME, RFiD reading and two definable function keys) Response to events array freely configured by the user
Modem	Quectel M10 4 bands (2G) or Quectel UC15 (3G)	Transmission protection	VMPC encryption
Transmission	GPRS/SMS/USB in real time	Battery charging	5V DC 1A (standard USB) charging time 5h (from 0% to 100%)
Programming socket	USB B (weatherproof)	Battery	LI-ion 3.7V, capacity 3.9Ah
Location	built-in GPS (66 channels; start-up 1s-35s)	Battery life	Without GPS - around 100h, with GPS - 48h
Display	numeric values from 0 to 255 (hex)	Dimensions	220 x 72 x 45 mm
Flashlight	LED 3000mcd	Weight	0,31kg
Optical signalling	4 LED	Resistance to environmental conditions	YES
Acoustic signalling	YES	Remote configuration	YES (including a firmware substitutions)
Vibration	YES	Events memory	5000 events
Voice communication	YES (up to 10 numbers) with the phonetap option	Sabotage alarm	YES
Timer functions	YES		
Accelerometer	YES with Mandown and Freefall functions		