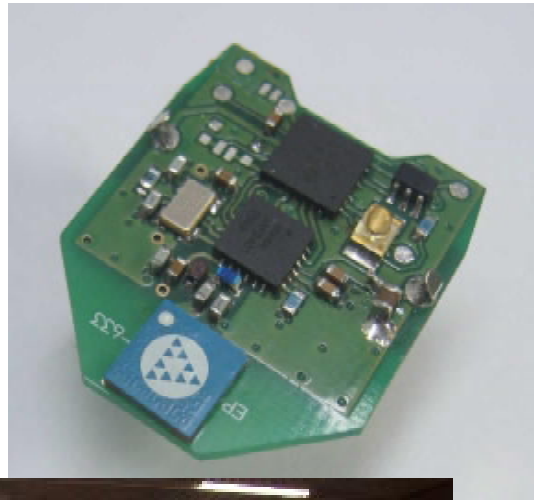


Protectomatic ID logger

Logging system for staff



Features of Protectomatic ID logger system

- * Sense personal ID cards available in the detection area and log their characteristics and presence
- * Non contact operation over large areas in and out doors
- * Warn when staff is out or key persons are out from the demanded positions
- * Simple automatic operation based on a PC central unit

Protectomatic ID logger is based on a personal ID card / tag carried by all who shall be recognized in the determined area. There is a long range ID card reader capable of operation over several hundred meters in distance. The reader checks all cards and log their movements all over the sensed area. Several hundred cards can be controlled in the area at same time with rapid updating. This is stored and analysed by a PC computer in a net work.

ID logger is easy to operate and gives a high degree of automation. Alarms can be activated when there are persons missing or if there are to many in a specific area.

ID tags are two way systems and the central can beep an alert to all cards in the area. The cards can also alert the central with an emergency button (option).

Many of our products are protected by patents and patent applications

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Protectomatic ID logger *Logging system for staff*

Technical Specifications Protectomatic ID logger system

ID tag system

| | |
|----------------------------|---|
| Solution | 2 way RFID active system |
| Frequency band | Between 400 and 5500 MHZ in approved frequency ranges |
| Ranges | Short range model 20-30 meter radius with omni directional antenna Long range model 100-200 meter radius with omni directional antenna |
| Range | With special antennas 2-5 times longer |
| Service interval | Between 3 months and 2 years depending on setting and communication intensity |
| Dimensions | 10x50x70 mm with plastic encapsulation |
| Input | Relay input initiating an alarm to ID reader |
| Response time | 2 sec to 20 sec depending on setting |
| First start up log in time | Typical 10 sec .This is when reader has been turned off. |

ID logger ID card reader and central unit

| | |
|--------------------|--|
| Central unit | Capable of several hundred ID cards |
| Reading speed | Up to 100 different ID cards per sec |
| Output | LAN/WLAN or most computer protocols, mobile phones |
| Dimensions | 150x150x500 mm plastic cabinet. |
| Antennas | Inside or external optional antennas |
| Operating voltage | 230 volt and battery back up system when needed |
| Power consumption | Max 10W |
| Detection features | Alarms when objects are out of range Alarms when the relay input is activated |

Options for ID logger system

- * Presence alarm software making an alarm when someone is out or in the area
- * Group checking function giving an input when everyone is here or someone is missed in a group
- * Statistics logger giving statistics where each tag is and when it is.
- * Alarm handling functions when the alarm is activated by the carrier

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