Guard Tour System Manual

GT9

1. What is guard tour system?

A guard tour system is a system for logging the patrols of employees in a variety of situations. It helps ensure that the employees make their appointed rounds at the correct intervals and offer a virtually indisputable record for legal or insurance reasons. Essentially, the system provides a means to record the time when the employees reach certain important points on their tours.

Applications:

1) Security guard patrolling

2) Building guard patrolling

3) Community guard patrolling

4) Time & Attendance monitoring

5) Incident report & meter reading

6) Policeman patrolling

7) Military patrolling

8) Nurses' daily round

9) Remote equipment inspections and maintenance

2. System Components:

1) GT9 reader

2) Popo Pin connection cable

3) RFID tags (round shape black tag or cylinder glass tag)

4) Guard ID card

5) Software
6) Event wallet (optional)

3. Technical specifications:
1) GT9 reader

Technical Information:
Physical: metal body with rubber shell outside
Dimensions: 144mm 47mm 30mm
Working Frequency: 125 KHz
Operating Temperature: -45°to +85°C
Humidity: 10% to 90% non-condensing
Memory: 4Mb Flash ROM
Storage Capacity: 60000 pieces records
Battery: 3.7 V Rechargeable Battery, 800m Ah;
Signal Card Detection: Auto induction card-reading
Card Reading Distance: 3cm---5cm
Communication: Popo pin connection cable 57600 BPS, 4000 records per minute
Weight: 227g

Features:
Military component, Silicon tank, metal body with rubber shell outside, super durable;
IP67 standard, Pogo pin connection cable, high download speed;
Non-contacting reading of RFID tag;
Completely water proof and guard proof, Sabotage absorbent, resistant to electrical shock;
Super storage capacity 4Mb Flash, 60000 records, Power off protection, Liquid crystal display;
Reading distance ≤ 5 cm;
Brilliant exterior design, easy operation, Real time internal clock;
Low power consumption, long battery life, 270000 continuous reads.

2). EM cards

Technical Information:

Reading Time   More than 1,000,000 times

Temperature   -40°C to +85°C

Life Span   More than 20 years

Working Frequency   125 KHz

Battery   None

Data Storage   Unique 64 bits serial number (read-only)

Shape   Round, Nail, Key ring etc.

Weight   1.6g-3.6g

3). POGO PIN connection cable

This popo pin connection cable can be used to connect between the reader and PC, which is according with DY/T1019, IEC61156, ANSI/EIA/TIA-568 standard.

4. System Operation Flows:

->1) make a sketch of the checking places that the guard needs to check;

->2) install cards on each checking place

* The round shape card can be stuck or screwed on the wall

* For the cylinder glass card, make a hole on the wall, and then put it inside and cover it.

->3) install software and make settings in software, such as registering RFID card/ guard ID number in software and naming it as checking place name/ guard name etc.

->4) the guard uses the reader to scan his ID card first and starts to patrol; he will go to each checking place and use the reader to scan tags installed on the wall.

->5) the guard will take the reader back to the control center and use USB cable to upload data to software

5. System Requirements and Software Installation:

1) Minimum System requirements:

  *Operating System: Windows2000/XP/Vista/Windows7

  *Performance: MMX / Pentium 233 MHz CPU, 32MB RAMS

  *CD-ROM Driver and RS232/USB Port

  *16 color at 800*600 pixels

2) Software installation:

  *Insert the CD of software into the appropriate drive and locate the software which matches with your product. Then double click the "Setup.exe" icon to begin the installation (make the USB port free during the installation). Follow the instructions on screen, the installation

usually takes about 5 minutes to complete.

*Open the software installed on the computer, enter the login interface, the default administrator password is "999" and the operator password is "123". Please modify them after login.

*For details about setup and usage of the software, please refer to the "Setup and Function Introduction" enclosed with the CD.

6. Usage of Reader:

a. One vibration with one flash of blue indicator ------ Reading is successful

b. Red indicator flashes every 3 seconds------ The battery is low and needs to be charged ASAP

c. Red indicator light on means battery is being charged

d. Green indicator light on means battery is fully charged

e. 3 vibrations with 3 flashes of white indicator ------ There is a time error within the reader. It needs to be connected with the computer and get its time calibration.

f. 6 vibrations with 6 flashes of white indicator ------ The reader is full, no more records can be read. For this case, please make a full download of data to your PC and then erase the memory to reset; now your reader will be ready for the next load cycle of 60000 new recordings.

g. 4 vibrations with 4 flashes of white indicator -----something wrong with data storage.

7. Battery charging

Recharge:

* 2-3 hours each charging time

* Connect the reader to the charger, and the red indicator will be steady on, which means the battery is charging; when the battery is fully charged, the red indicator will turn to green.

8. Operation Flows

1. Software setup
2 Initialize the reader by connecting with computer first
3. Download guard name, station name and event to the reader
4. Choose guard name, start to patrol
5. Read cards installed on places, read cards inside the event wallet if any incident happened
6. Download all the records to the computer via the cable.
7. Use software to make patrol analysis and statistics.

9. Notices

1). Warning

a. it is strictly forbidden burning the Reader or immersing it into liquid.

b. it is strictly forbidden hitting or breaking the Reader and EM signal cards intentionally.

c. it is strictly forbidden opening the Reader, or taking apart it into pieces except changing the battery.

d. it is strictly forbidden placing the Reader in wet environment.

e. it is strictly forbidden drying or warming EM signal cards by the fire.

f. Keep them away from corrosives, detergent or chemical substances. Use alcohol to clean them.

g. Make sure that the guard cards are not read in the middle of patrol routes, which can cause that the data will be showed by the software that a no-name guard have the former part patrolling.

10. Warranty Policy:

-All products are strictly tested and qualified before sail.

-Hardware devices sold by our company are covered by a 1 year parts warranty.

-During 1 year warranty period, we will replace or repair units without charge, subject to any problem coming from product itself under ordinary usage condition. The one year warranty period begins when the new products are received by customer. We warrant its remanufactured products and non-warranty repair to hardware from defects in material and workmanship for a period of 90 days. The 90 days warranty period begins the date when repair or remanufactured product is shipped from us.

-This warranty does not apply on batteries and extra parts. This warranty is invalid if the product has been damaged by accident, abuse, misuse, product end of life, or misapplication or has been dismantled or repaired without the written permission of our company.

-In any condition, freight will be paid by customer.