1. What is guard tour system? guard tour system is a system used to help companies and organizations to organize,

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GP-RF-105 Manual

log and ex ecute guard tours and patrols in their assets ensuring that the officers will accomplish their tasks within the predefined time intervals. There is a wide variety of guard tour systems, which can be divided in two major categories: Wand guard tour systems based on handheld devices and cloud guard tour systems based on modern mobile and cloud technology. Guard tour systems provide a means to ch eck and record the time that a guard executes his guard tour by scanning specific ch eckpoints assigned on the area he patrols.

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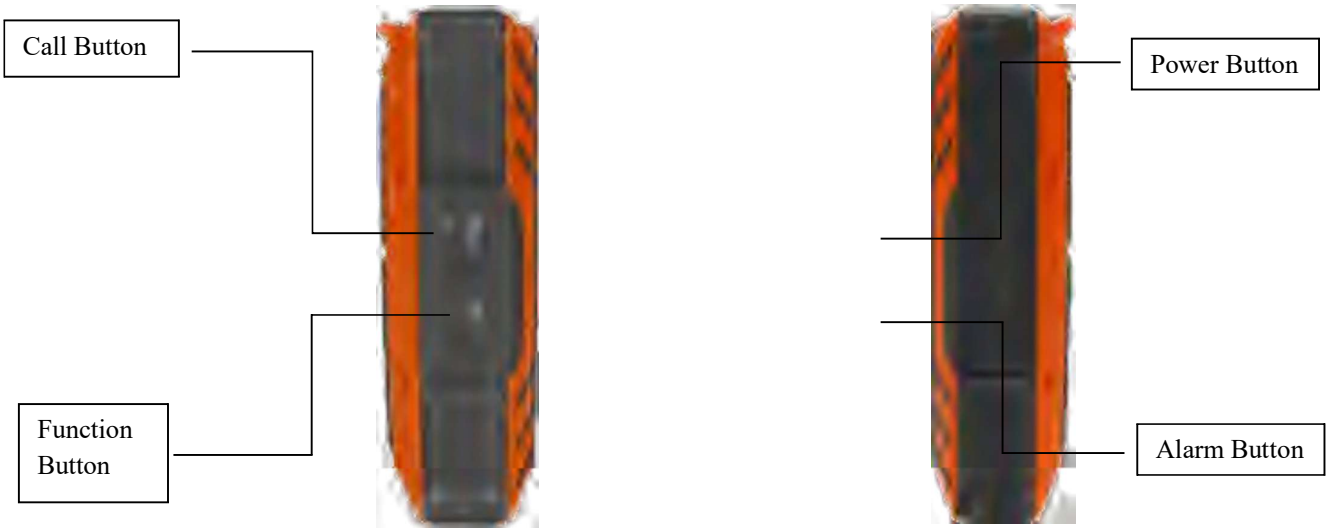
2 pplications

- warehouse systems
- improving rent a car systems
- monitoring pro per service
- supervising per sonnel work time and pl ace
- monitoring scheduled techni cal maintenance
- supervising guards
- supervising service produ cers
- supervising drivers
- monitoring rent systems
- airport protection and supervising workers
- hotel protection and supervising workers
- protection for other public institutions

3. Functional Diagram



. Prompt: Basic F

4 unction

Working Prompts		
Power on		Red LED flashes one second and vibrates once. Screen: logo Voice: Make Patrol Easier
Power off		Vibrates once Screen: POWER OFF Voice: Power off
Internet Registration	Registering	Internet registration automatically when power on. Screen: REGISTERING Voice: Registering Blue LED flashes once per second.
	Registered successfully	Screen: RREGISTER OK Voice: Register successfully Device vibrates once, blue LED turns off
	Registration failed	Screen: REGISTER FAILED Voice: Register failed Vibrates 3 times, blue LED turns off
Standby		Green LED flashes once every 3 seconds.
Low power		Red LED flashes once every 3 seconds.

5. Prompt: Phone Call Function

Working Prompts		
Phone Call	Contact Switching	Device in standby mode, press call button Vibrates once. Screen: Contact information Press call button for switching another If no contact Vibrates 3 times Screen: NO CONTACTS Voice: No contact
	Dial	In contact information interface, hold button for 3 seconds Vibrates once SCREEN: DIALING The call is answered: Screen: CONNECTING The call is not answered or be hang up: Vibrates once Screen: CALL ENDED
	Incoming Call	Vibrates once Screen: Contact name or UNKNOWN CONTACTS Device rings and LED flashes till the call is ended
	Missed Call	Vibrates once Screen: MISSED CALL Voice: Missed Call

6. Prompt: Power and Data Upload

Working Prompts	
Charging	Red LED solidsss on
Full charge	Green LED solidsss on
Upload Patrol Data	Screen: UPLOAD; Voice: Uploading; Blue LED solidss on Upload Su ccessfully: Vibrates once Screen: UPL OAD OK Voi ce: Data uploaded su ccessfully Blue LED flashes 5 times and turns off Upload Failed: Vibrates 3 times Screen: UPLOAD FAILED Voice: Data Uploaded Failed Blue LED turns off
Upload Low Power Data	Screen: Low Power; Voice: Low battery, charge please; Blue LED solidss on Upload Su ccessfully: Vibrates once Screen: UPL OAD OK Voi ce: Data uploaded su ccessfully Blue LED flashes 5 times and turns off Upload Failed: Vibrates 3 times Screen: UPLOAD FAILED Voice: Data Uploaded Failed Blue LED turns off

Upload Alarm Data	Screen: ALERTI NG; Voi ce Alerting now; Blue LED solidss on Upload Su ccessfully: Vib rates once Screen: SU CCESS Voice: Aler ting successfully Blue LED flashes 5 times and turns off Upload Failed: Vibrates 3 times Screen: FAILED Voice: Alerting Failed Blue LED turns off

7. Prompt: Read Ch eckpoint

Working Prompts	
Clock error	Vibrates 3 times Screen: TIMING PLS Voice: The clock is wro ng, please timing
Read Checkpoint Successfully	Vibrates once Screen: SUCCESS Voice: Reading successfully Play voice event if generate • Sending data directly if internet register successfully • Record data if no SIM card inside
Data storage error	Vibrates 4 times Screen: STORAGE E RROR Voi ce: Stored Fa iled

Low Storge	When the record stored more than 50,000, read again: Vibrates two times Screen: SUCCESS, DATA FULL Voice: Reading successfully, please Upload Now
Data Full	When the record stored is 60,000, read again: Vibrates 6 times Screen: DATA FULL Voice Shows: Store failed under sufficient storage

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8 Technical Information

Physical Material	ABS engineering plastic/TPU
Dimensions	120mm*68mm*32mm
Weight	221g
Reading Type	RFID
Reading Frequency	125KHz
Reading Distance	125KHz card: 3-5cm
Operation Temperature	-20℃ to +85℃
Storage	60,000 pieces
Memory	32Mb Flash ROM
Protection Level	IP67
Charging time	1.5 hours

Battery	3.7V Lithium Recharge Battery
Standby Time	6 days（500 checkpoints read and upload with voice function on）
Communication	USB 2.0 (Drive-Free); 12,000 record uploading/min
Humidity	10% to 90%

9 Special Function

- **Voice prompt:** Setup the voice content for check points in your software. When patrolling, if you read the checkpoints, it will prompt.
- **Voice call:** Setup contacts in the software, you can use the device to call contacts.

10. User Flow

) Make a sketch of the ch

1 ecking places that the guard n eeds to ch eck.

2) Install tags on each checking place.

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

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

3) Install software and make settings in software

4) The guard uses the reader to patrol, he n eeds go to each ch ecking place and uses the reader to scan tags installed on the w all.

5) The guard will take the reader to read ch eckpoints, the reader send data by GPRS manually or automati cally. The reader also can transfer the data by the USB cable.

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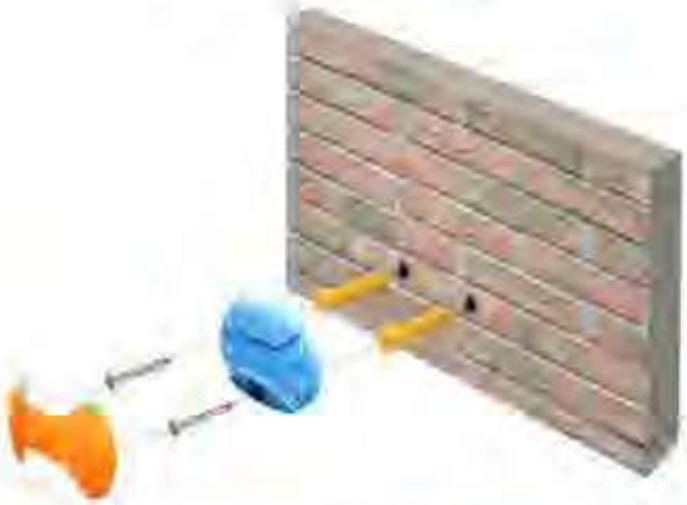
Installation



1 Entering

2 holes of 6mm on the wall. Put the plug in and fix the buttons by screws .

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