

GP-FINGER-104 Manual

1. What is guard tour system?

Guard tour system is a system used to help companies to organize, log and execute guard tours and patrols in their assets, ensuring that the officers will accomplish their tasks within the predefined time intervals.



2. Applications

- warehouse systems
- improving rent a car systems
- monitoring proper service
- supervising personnel work time and place
- monitoring scheduled technical maintenance
- supervising guards
- supervising service producers
- supervising drivers
- monitoring rent systems
- airport protection and supervising workers
- hotel protection and supervising workers
- protection for other public institutions

3. Functional Diagram





4. Prompt: Basic Function

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.



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5. Prompt: Phone Call Function

Working Prompts		
Phone Call	Contact Switching	<p>Device in standby mode, press call button Vibrates 1 time.</p> <p>Screen: Contact information</p> <p>Press call button for switching another</p> <p>If no contact</p> <p>Vibrates 3 times</p> <p>Screen: NO CONTACTS</p> <p>Voice: No contact</p>
	Dial	<p>In contact information interface, hold button for 3 seconds Vibrates once</p> <p>SCREEN: DIALING</p> <p>The call is answered:</p> <p>Screen: CONNECTING</p> <p>The call is not answered or be hang up:</p> <p>Vibrates once</p> <p>Screen: CALL ENDED</p>
	Incoming Call	<p>Vibrates once</p> <p>Screen: Contact name or UNKNOWN CONTACTS</p> <p>Device rings and LED flashes till the call is ended</p>
	Missed Call	<p>Vibrates once</p> <p>Screen: MISSED CALL</p> <p>Voice: Missed Call</p>



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6. Prompt: Power and Data Upload

Working Prompts	
Charging	Red LED solid on
Full charge	Green LED solid on
Upload Patrol Data	<p>Screen: UPLOAD; Voice : Uploading; Blue LED solid on</p> <p>Upload Successfully:</p> <p>Vibrates once</p> <p>Screen: UPLOAD OK</p> <p>Voice: Data uploaded successfully</p> <p>Blue LED flashes 5 times and turns off</p> <p>Upload Failed:</p> <p>Vibrates 3 times</p> <p>Screen: UPLOAD FAILED</p> <p>Voice: Data Uploaded Failed</p> <p>Blue LED turns off</p>
Upload Low Power Data	<p>Screen: Low Power; Voice : Low battery, charge please; Blue LED Solid on</p> <p>Upload Successfully:</p> <p>Vibrates once</p> <p>Screen: UPLOAD OK</p> <p>Voice: Data uploaded successfully</p> <p>Blue LED flashes 5 times and turns off</p> <p>Upload Failed:</p> <p>Vibrates 3 times</p> <p>Screen: UPLOAD FAILED</p>



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	Voice: Data Uploaded Failed; Blue LED turns off
Upload Alarm Data	<p>Screen: ALERTING; Voice Alerting now; Blue LED Solid on</p> <p>Upload Successfully:</p> <p>Vibrates once</p> <p>Screen: SUCCESS</p> <p>Voice: Alerting successfully</p> <p>Blue LED flashes 5 times and turns off</p> <p>Upload Failed:</p> <p>Vibrates 3 times Screen: FAILED</p> <p>Voice: Alerting Failed</p> <p>Blue LED turns off</p>

7. Prompt: Read Checkpoint

Working Prompts	
Clock error	<p>Vibrates 3 times</p> <p>Screen: TIMING PLS</p> <p>Voice: The clock is wrong, please timing</p>





Read Checkpoint Successfully	<p>Vibrates once</p> <p>Screen: SUCCESS</p> <p>Voice: Reading successfully Play voice event if generate</p> <ul style="list-style-type: none"> • Sending data directly if internet register successfully • Record data if no SIM card inside
Data storage error	<p>Vibrates 4 times</p> <p>Screen: STORAGE ERROR</p> <p>Voice: Stored Failed</p>
Low Storage	<p>When the record stored more than 50,000, read again: Vibrates two times</p> <p>Screen: SUCCESS, DATA FULL</p> <p>Voice: Reading successfully, please Upload Now</p>
Data Full	<p>When the record stored is 60,000, read again:</p> <p>Vibrates 6 times</p> <p>Screen: DATA FULL</p> <p>Voice Shows: Store failed under sufficient storage</p>

8. Prompt: Fingerprint

Working Prompts	
Fingerprint Verification Successfully	<p>If you set verify fingerprint before each time you read checkpoint:</p> <p>Vibrates once</p> <p>Screen: PLEASE READING</p> <p>Voice: Please reading checkpoint</p> <p>If you set verify fingerprint only 1 time after you power on device:</p> <p>Device vibrates once Screen: SUCCESS</p> <p>Voice: Fingerprint verifies successfully</p>





Fingerprint Verification Failed	<p>Vibrates 3 times</p> <p>Screen: REVERIFY</p> <p>Voice: Please re-verify the fingerprint</p>
Fingerprint Collection	<p>Screen: Collect</p> <p>Voice: Please place your finger; Please lift your finger Collection Successfully;</p> <p>Screen: SUCCESSFULLY</p> <p>Voice: Collect successfully; Collection Failed:</p> <p>Screen: FAILED; Voice: Collect failed</p>

9. Technical Specification

Model	GP-FINGER-104
Physical Material	ABS engineering plastic/TPU
Dimensions	120mm*68mm*32mm
Weight	221g
Reading Type	RFID
Reading Frequency	125KHz
Operation Temperature	-20°C to +85°C
Storage	60,000 pieces records
Protection Level	IP67
Charging Time	3 hours
Battery	3.7V Lithium Recharge Battery
Standby Time	19 Hours (Sending data for 15s intervals)



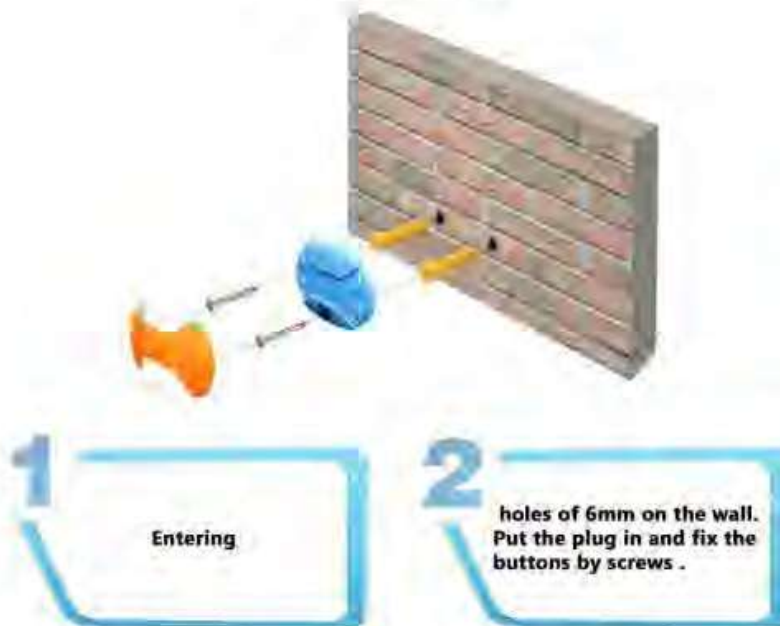


Communication	USB 2.0 (Drive-Free); 12,000 record uploading/min
Humidity	10% to 90%

10. User Flow

- 1) Make a sketch of the checking places that the guard needs to check.
- 2) Install checkpoints on each checking place.
*The round shape checkpoint can be stuck or screwed on the wall.
- 3) Install software and make settings in software
- 4) The guard uses the reader to starts to patrol, he needs go to each checking place and uses the reader to scan checkpoints installed on the wall.
- 5) The guard will press the reader left button for sending data (or send data automatically) to the control center. The reader also can

Installation



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