

# MANUAL

## GP-RF-105



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### 1. What is guard tour system?

A guard tour system is a system used to help companies and organizations 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. 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 check and record the time that a guard executes his guard tour by scanning specific checkpoints assigned on the area he patrols.



### 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.

## 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  <b>The call is answered:</b>  Screen: CONNECTING  <b>The call is not answered or be hang up:</b>  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	<p>Screen: UPLOAD; Voice: Uploading; Blue LED solidss on</p> <p><b>Upload Successfully:</b></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><b>Upload Failed:</b></p> <p>Vibrates 3 times</p> <p>Screen: UPLOAD FAILED</p> <p>Voice: Data Uploaded</p> <p>Failed Blue LED turns off</p>
Upload Low Power Data	<p>Screen: Low Power; Voice: Low battery, charge please; Blue LED solidss on</p> <p><b>Upload Successfully:</b></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><b>Upload Failed:</b></p> <p>Vibrates 3 times</p> <p>Screen: UPLOAD FAILED</p> <p>Voice: Data Uploaded</p> <p>Failed Blue LED turns off</p>

Upload Alarm Data	<p>Screen: ALERTING; Voice Alerting now; Blue LED solidss on</p> <p><b>Upload Successfully:</b></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><b>Upload Failed:</b></p> <p>Vibrates 3 times</p> <p>Screen: FAILED</p> <p>Voice: Alerting Failed</p> <p>Blue LED turns off</p>
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## 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</p> <p>Play voice event if generate</p> <ul style="list-style-type: none"> <li>• Sending data directly if internet register successfully</li> <li>• Record data if no SIM card inside</li> </ul>
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. 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°C to +85°C
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

1) Make a sketch of the checking places that the guard needs to check.

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 needs go to each checking place and uses the reader to scan tags installed on the wall.

5) The guard will take the reader to read checkpoints, the reader send data by GPRS manually or automatically. The reader also can transfer the data by the USB cable.

## Installation



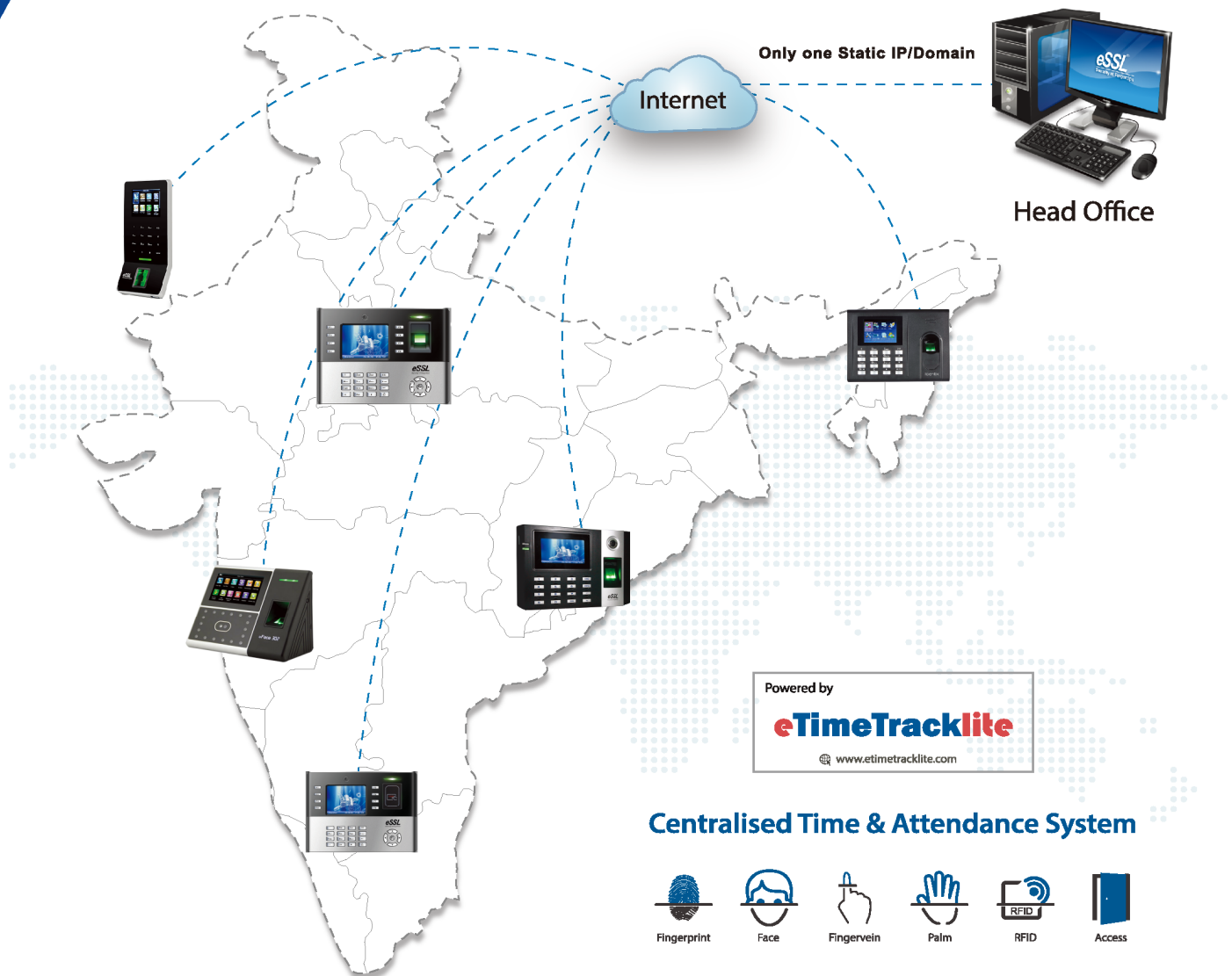
1

Entering

2

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

# Manage Time & Attendance for all your Branches from Head Office



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