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.

WM-5000H2 could solve the hard situation of achieve the management of the working attendance and patrol rounds record. There are four communication mode. USB/Ethernet/3G/WI-FI.
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
<table>
<thead>
<tr>
<th>Working Prompts</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>screen shows “JWM” logo and “Make Patrol Easier”. voice prompt “Make Patrol Easier”</td>
<td>Turn on</td>
</tr>
<tr>
<td>screen shows record numbers, communication status and time</td>
<td>Standby Mode</td>
</tr>
<tr>
<td>screen shows “Storage Almost Full” and voice prompt “Storage Almost Full”</td>
<td>H2’s RAM Almost Full</td>
</tr>
<tr>
<td>screen shows “Storage Full” and voice prompt “Storage Full”</td>
<td>H2’s RAM Full</td>
</tr>
<tr>
<td>screen shows “Reading Data” and voice prompt “Reading Data”</td>
<td>H2 is reading data</td>
</tr>
<tr>
<td>screen shows “Insufficient Space” and voice prompt “Insufficient Space”</td>
<td>the Space of H2 is Insufficient</td>
</tr>
<tr>
<td>screen shows “Deleting” and voice prompt “Deleting data under connection”</td>
<td>H2 is deleting the data of reader</td>
</tr>
<tr>
<td>screen shows “Read Successfully” and voice prompt “Read Successfully”</td>
<td>Read Successfully</td>
</tr>
<tr>
<td>screen shows “Read Failed” and voice prompt “Read Failed”</td>
<td>The reader RAM is almost full</td>
</tr>
<tr>
<td>screen shows “Disconnected” and voice prompt “Disconnected”</td>
<td>The connection is failed between H2 and reader</td>
</tr>
<tr>
<td>screen shows “No Data” and voice prompt “No Data in reader”</td>
<td>No Data in reader</td>
</tr>
<tr>
<td>screen shows “Registering”</td>
<td>H2 is registering network.</td>
</tr>
<tr>
<td>screen shows “Register failed”</td>
<td>Register failed</td>
</tr>
<tr>
<td>screen shows “Uploading” and the percent</td>
<td>H2 is uploading data</td>
</tr>
<tr>
<td>screen shows “Upload successfully” and voice prompt “Upload successfully”</td>
<td>Data upload successfully to computer</td>
</tr>
<tr>
<td>screen shows “Upload failed” and voice prompt “Upload failed”</td>
<td>Data upload failed to computer</td>
</tr>
</tbody>
</table>
4. Technical Information

<table>
<thead>
<tr>
<th>Model</th>
<th>WM-5000H2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Housing Material</td>
<td>Alloy and PC+ABS</td>
</tr>
<tr>
<td>Dimensions</td>
<td>167mm<em>96mm</em>49mm</td>
</tr>
<tr>
<td>Weight</td>
<td>326g</td>
</tr>
<tr>
<td>Reading Distance</td>
<td>1-3cm</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-40°C to +85°C</td>
</tr>
<tr>
<td>Storage Capacity</td>
<td>100,000 pieces records</td>
</tr>
<tr>
<td>Battery</td>
<td>3000mAh Lithium Recharge Battery/No Battery(optional)</td>
</tr>
<tr>
<td>Communication</td>
<td>Ethernet/3G/WI-FI (optional)</td>
</tr>
<tr>
<td>Standby Time</td>
<td>3 Days （Reading card for 500 times and sending data everyday）、8 days （Standby Mode for 8 hours everyday）</td>
</tr>
<tr>
<td>LCD Highlight Screen</td>
<td>55*54mm</td>
</tr>
<tr>
<td>Relative Humidity</td>
<td>10%~90%</td>
</tr>
<tr>
<td>RFID Tag</td>
<td>125KHz guard card</td>
</tr>
</tbody>
</table>

* Read card function is used to check attendance

5. System Components

1) WM-5000H2
2) Charger
3) USB Cable(Black)
4) Checkpoint tags(optional purchase)
5) Guard Tags (optional purchase)
6) Event wallet (optional purchase)
6. Use Flow

1) Connect H2 and computer, Enter Intelligent Patrol Management System, setup relevant parameter.
2) After patrolling by reader, connect H2 and reader, read data.
3) H2 will upload data automatically.
   - WIFI version H2 need to keep connection to network.
   - Ethernet version H2 need to connect cable.
   - 3G version H2 need SIM card.
4) Manager could inquiry the patrol information on Intelligent Patrol Management System.
7. How to Set Parameter

1. Log in your account

   Username: Supervisor
   Default Password: 999
   Click on “Log in” to enter the software

2. Register the device in your software

   When enter the software first, it will prompt you to register the device. Please click on “Yes”, the device will register automatically. Each model only need to register once.
Click on “Communication Parameter” under “Data Maintain”.

Input “IP”. It is the local IP.

For “Communication Mode”, you can choose “Dynamic IP address” or “Static IP address”. If you choose “Static IP address” you need to input “IP Address”, “Subnet Mask”, “Gateway”, “DNS”.
Parameter setup

1) Click on "Patrol Setup" and select the "Plan Setup".
2) Click on "Add Plan".
3) Choose the checkpoints for your plan.

Input the server port. You need to open one server port on your LAN at advance.
Click on “Communication Parameter” under “Data Maintain”.

Input “IP”. If the WiFi is in the same Local area network (LAN) with the server port, it is computer’s IP address, if not, it is outer net IP address.

For “Communication Mode”, you can choose “Dynamic IP address” or “Static IP address”. If you choose “Static IP address” you need to input “IP Address”, “Subnet Mask”, “Gateway”, “DNS”.
Parameter setup

1) Click on "Patrol Setup" and select the "Plan Setup"
2) Click on "Add Plan"
3) Choose the checkpoints for your plan.

Input the server port. You need to open one server port on your LAN at advance.
When entering the software for the first time, it will prompt you to register the equipment. Please click "Yes," and the device will register automatically.

Click on “Communication Parameter” under “Data Maintain”.

Input “IP”. It is the outer net IP address.

Input the server port. You need to open one server port on your LAN at advance.
8. Attendance Function

1. Batch Read Guard Data

   Step 1: Read guard card by H2 or Patrol Device.
   Step 2: Open software, click “Guard Setup” and “Batch Read”.

2. Download Guard Data

   Click “Download Data”, click “Guard” and choose guard, click “Download”.

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JWM-Patrol
Guard Tour System

Quick Start Guide
7. Warranty Policy

(1) All products are strictly tested and qualified before sale.

(2) Hardware devices sold by our company are covered by 5 Year parts warranty.

(3) During 5 Year warranty period, we will replace or repair units without charge, subject to any problem coming from product itself under ordinary usage condition. The 5 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.

(4) 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.

(5) In any condition, freight will be paid by customer.

Thank you so much for choosing our guard tour system! If you have any question on our product, please feel free to contact us or local dealer and we still try our best to help you!
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