

INSTRUCTION

FOR GUARD TOUR SYSTEM L-9000P

1. System Component and Specification

1	Model Name	Specification
1	Reader L-9000P 	<p>Materials: durable and high quality alloy metal case and stainless steel read head</p> <p>Dimension:115mm*45mm*25mm special gun-like design</p> <p>Memory: America Original FLASH</p> <p>Storage:10000 records</p> <p>Operation Temperature: -30°C - +80°C</p> <p>Battery: 3V lithium battery with 700,000 reading times</p>
2	Checkpoint 	<p>Physical: Electronic chip stored in the stainless steel case that is water-resistant.</p> <p>Reading Distance: 2-5cm</p> <p>Physical dimensions: 16mm * 5mm</p> <p>Life-span: > 20 years</p> <p>Environment temperature: -20°C - +80°C</p> <p>Weight:1.6g</p> <p>Data Storage: Unique ID serial number (Read only)</p>
3	L-9000PT Downloader 	<p>Dimension: 102mm×102mm×46mm</p> <p>Weight :140 g</p> <p>Communications: USB connection 1200-19.2kbps</p>
4	Event Wallet 	<p>The Event Wallet allows attachment of information to the Report. This accessory consists of a leather jacket and 10 numeric information buttons. It should be registered different incidents by using software. By reading equivalent numeric codes, the data can be shown in the report of software.</p>
4	Management Software 	<p>Different Language choices</p> <p>User-friendly desk-top version support win95/98/2000/XP/Vista/Win7</p> <p>Easy to set up checkpoints, personnel, events, route and patrolling plan</p> <p>Generate multiple patrolling reports</p>

Read information button at this end. The metal head must touch the information button. After successful reading, the red light will flash 3 times and buzzer sound one time.



Guard ID



Checkpoint



If download information into computer from the reader, please first insert the read head into the Downloader and then connect USB Cable with the computer USB interface.

2. Software Installation

In the software CD, there are software setup and USB drive. First click the software setup to finish the installation according to steps. The default password is 333 and please logs on the software.



And then please connect the reader through special USB cable with computer USB interface. Please note there will display "found new hardware" at the right bottom of software main menu. Please click the display to accept the related terms and follow the steps to fulfill the USB drive installation.

If it shows USB Device not recognized, please

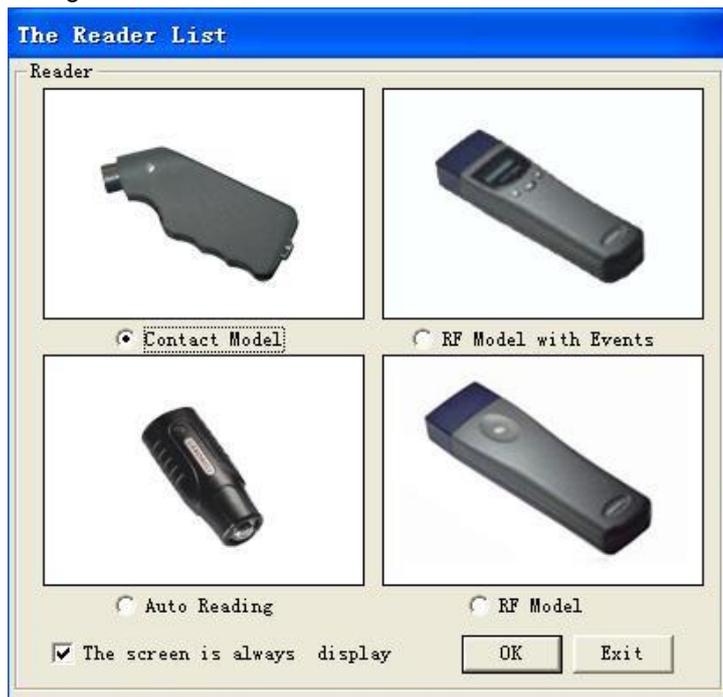


check the My computer---Properties—Hardware—Device Manager—Com <P USB to UART Bridge Controller (COM 1, 2, 3...). Please click it and install according to the steps.

3. Reader Programming

3.1 Model Selection

After log on the software, please connect reader with computer by special transmit USB cable successfully, , first select the right model name, for L-9000D, the corresponding model name is Contact Model and make sure click “OK” and then exit the “Model choosing”.



3.2 In the main menu of the software, please first refer to “Resource Setup” which included” Personnel button setup. Checkpoint button setup, Event Setup, Reader Number setup, System setup”.



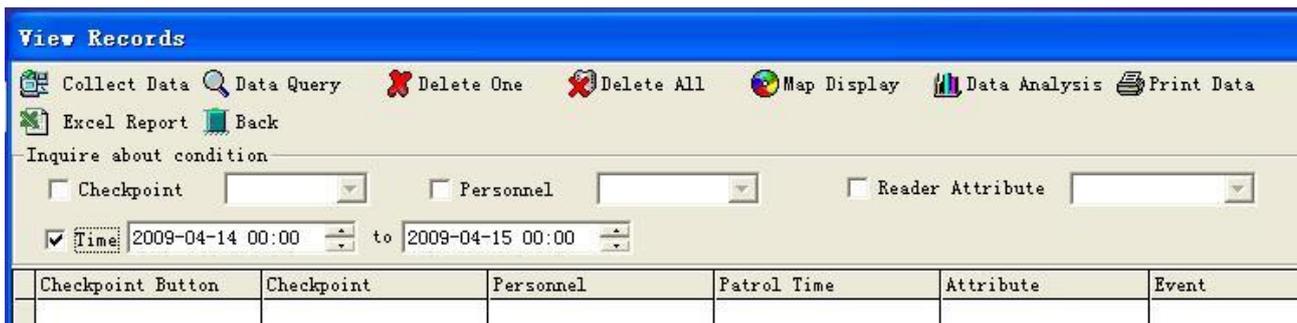
3.2.1 General Information Setup in the System Setup



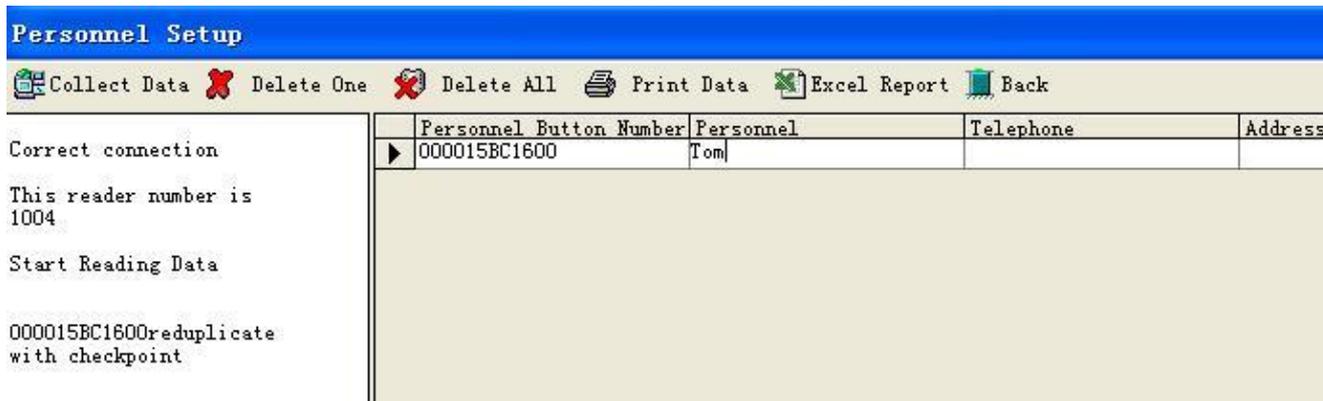
- Users can input their company names and click “save”.
- Please select the right Serial Port Number according to the following steps:
Check My Computer---Properties--Hardware---Device Manager--Com & LTP--CP210+ USB to UART Bridge Controller (COM 1, 2, 3...). This serial Port Number is for L-3000R hardware. Please choose the corresponding number in the Serial Port Number of System Setup.
- The Password of Authorized User is default as 111, 222, and 333 accordingly. If necessary, users can also change it. Make sure that click the Save after the operation.

3.2.2 Clear out the history data in the reader

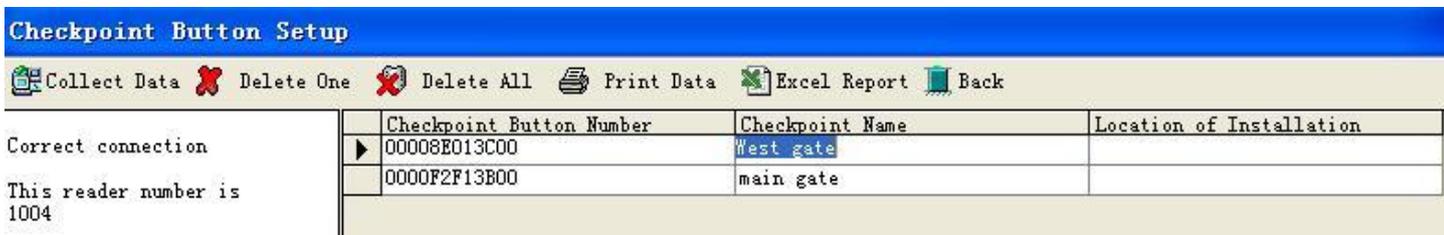
Please click “Data Gathering” in the main menu and click “Collect Data”. The history data will be listed in the form and then click “Back” to exit.



3.2.3 After clearing out the history data, please read the information button which using as Guard ID function. And then download the data into computer, the unique serial numbers for these information buttons will be displayed and then input Guards’ name, telephone and address. In order to distinguish the tags, please name each tag with sticker.

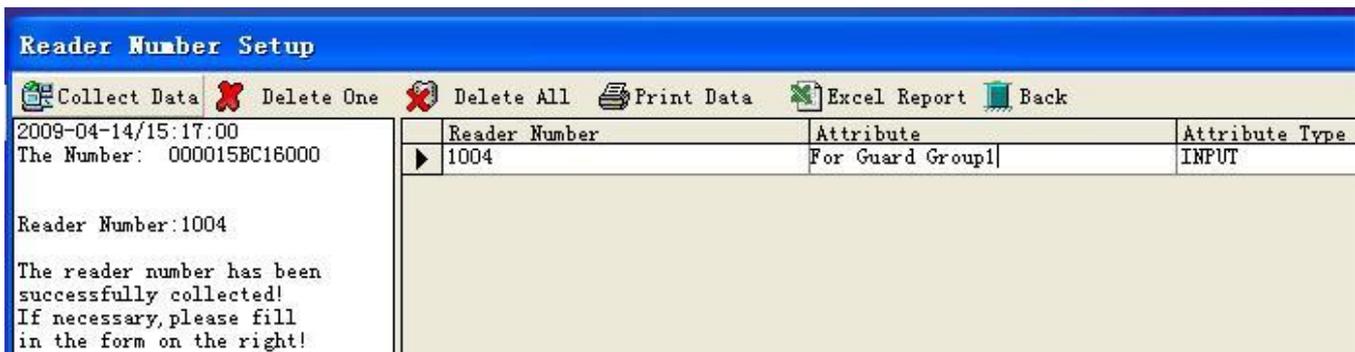


3.2.3 Next please open Checkpoint Button Setup in the Resource Setup. Please read the tags which using as Checkpoints. And then download the data from Reader into computer. The information button data will be listed. Please edit it according the actual needs. In order to distinguish the information buttons, please name each information button with sticker.



3.2.4 Reader Number Setup

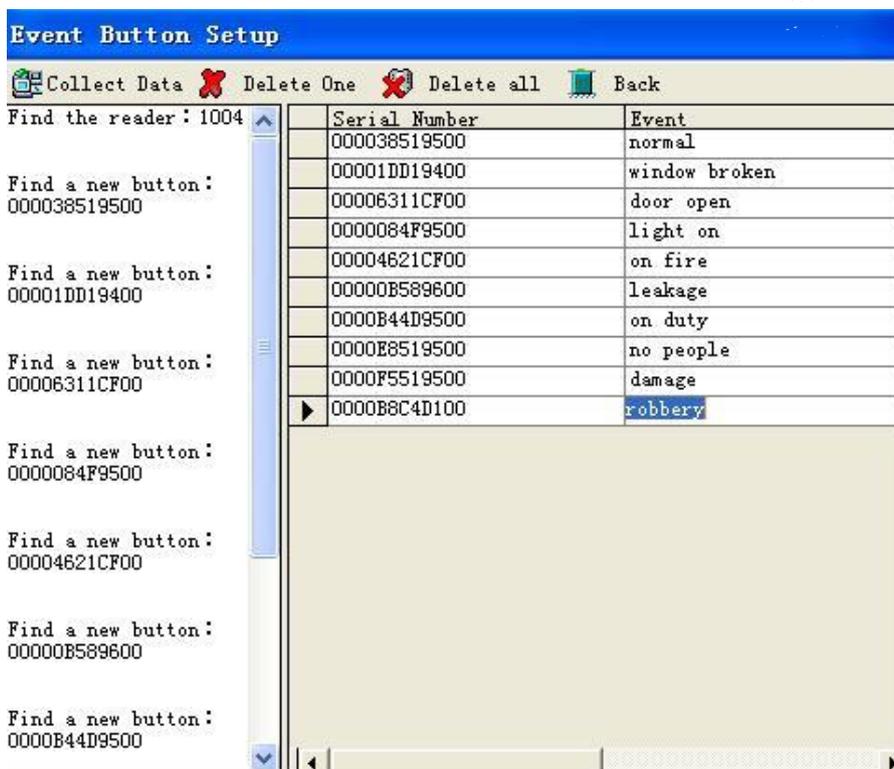
For each Reader, there is a unique Reader serial number. Please click “Collect Data”, the Reader Number will be listed in the right form. It can be registered by editing the “Attribute”.



3.2.5 Event Button Setup

The event wallet is optional accessory for the whole guard tour system. The function is to show the incidents happened in the patrol locations such as broken window, on fire, leakage, and door open etc. For Event Button Setup, the Event wallet is necessary which is with 10 information buttons on the leather wallet. Please read the 10 buttons one by one, and then download data into computer from the Reader, please input the possibly happened incidents in the Event column. When guards do the patrolling work, after Read the checkpoint and then read the corresponding information button in the Event Wallet. Suggest using notes to name each information button in the Event Wallet to distinguish the incidents.

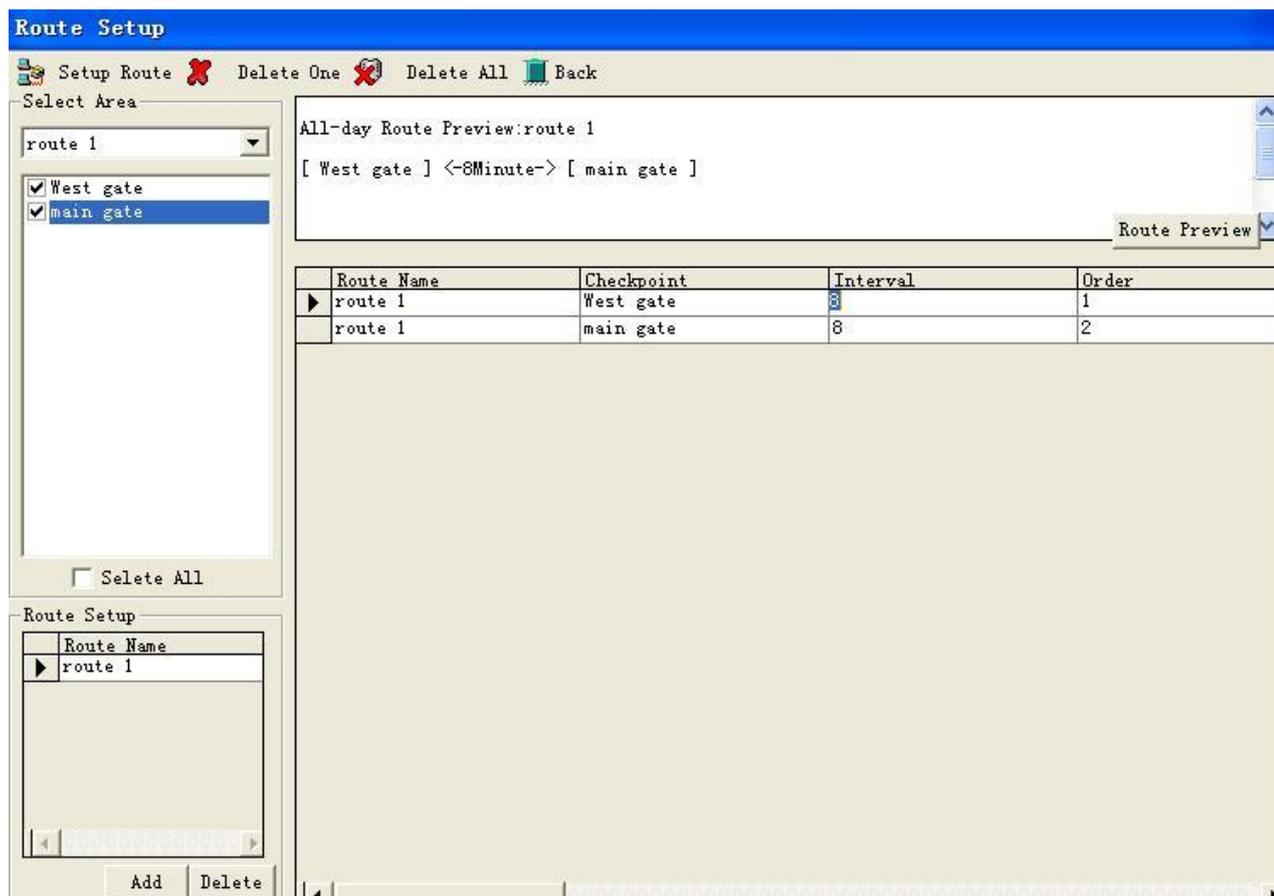
Even Wallet



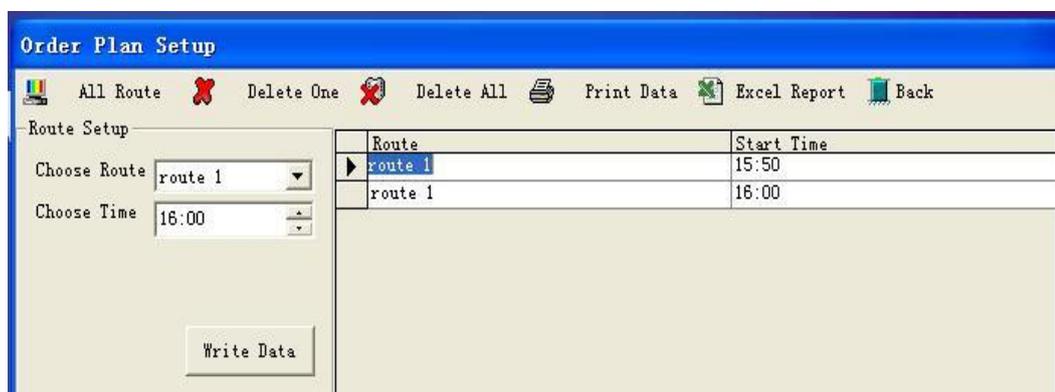
3.3 Function Setup

Please refer to the Function Setup in the main menu, which including Route Setup, Order Plan Setup, Inorder Plan Setup and Multi-day Plan Setup.

3.3.1 Route Setup indicates the patrol loop which including the setup checkpoints. First click “add” in the left bottom and input the Route Name and then click “▼” in the Select Area to choose the Route Name. Next tick the checkpoints in the list and then click “Set up Route”. Please have a look at the data in the right side. By clicking “Route Preview”, the details will be displayed. The interval means the time needed from this checkpoint to the next checkpoint. It can be changed according actual situation. The order means the sequence for the checkpoints, which is functioned in the “Order Plan Setup”. The order can be changed in the form if needed.



3.3.2 Order Plan Setup is most commonly used. First, please click “▼” to select Route Name. And choose the start time for each patrol loop. Order Plan require the sequence for checkpoints and Guard must go to every checkpoint in sequence. If not follow the sequence, the report will show “Wrong Order”. If want to delete the data, please first click the line, and it will be turned blue and then click “Delete one”. If want to delete all data, please just click “Delete All”.



3.3.3 After finish all the setup, the hardware and software programming is done. The Guard can use this system to do patrolling work. First, the guard read the Guard ID and then goes to each checkpoint according the setup plan. The data downloading can be done according to actual situation. When downloading, please first click “Data Gathering-Collect Data” and check the data. If want to check the performance for “Order Plan Setup”, please click the Order Plan Operation in the main menu, and then choose the correct Start Date, next click Route Analysis”. The operation for this plan will be listed. There are also several conditions for filtering if needed such as by Route, Checkpoint, and personnel etc.

Order Plan Operation

Route Analysis | Data Query | Print Data | Excel Export | back

Plan Setup
 Start Date: 2009-04-14 | End Date: 2009-04-14 | Time Limit/Minute: 05

Route Plan Setup
 Route: route 1 | Checkpoint: | Personnel: |
 Time: 2009-04-13 00:00 To 2009-04-14 00:00 | Status: On Time

Patrolling time	Route	Personnel	Checkpoint	Plan Time	Status	Event
2009-04-14 15:22		No Personnel	No Checkpoint Butt	1899-12-30 00:00	Wrong	No Event
2009-04-14 15:23		No Personnel	No Checkpoint Butt	1899-12-30 00:00	Wrong	No Event
2009-04-14 15:23		No Personnel	No Checkpoint Butt	1899-12-30 00:00	Wrong	No Event
2009-04-14 15:23		No Personnel	No Checkpoint Butt	1899-12-30 00:00	Wrong	No Event
2009-04-14 15:23		No Personnel	No Checkpoint Butt	1899-12-30 00:00	Wrong	No Event
2009-04-14 15:23		No Personnel	No Checkpoint Butt	1899-12-30 00:00	Wrong	No Event
2009-04-14 15:23		No Personnel	No Checkpoint Butt	1899-12-30 00:00	Wrong	No Event
2009-04-14 15:23		No Personnel	No Checkpoint Butt	1899-12-30 00:00	Wrong	No Event
2009-04-14 15:23		No Personnel	No Checkpoint Butt	1899-12-30 00:00	Wrong	No Event
2009-04-14 15:23		No Personnel	No Checkpoint Butt	1899-12-30 00:00	Wrong	No Event
2009-04-14 16:14	route 1	Tom	West gate	2009-04-14 16:20	Wrong	No Event
2009-04-14 16:14	route 1	Tom	main gate	2009-04-14 16:28	Wrong	No Event
2009-04-14 16:15	route 1	Tom	main gate	2009-04-14 16:28	Wrong	No Event
2009-04-14 16:15	route 1	Tom	West gate	2009-04-14 16:20	On Time	No Event
	route 1	Null	main gate	2009-04-14 16:28	Miss	
	route 1	Null	West gate	2009-04-14 16:30	Miss	
	route 1	Null	main gate	2009-04-14 16:38	Miss	

3.3.4 Inorder Plan Setup is another choice for patrolling work. It is not requiring the sequence and only check whether the guard has ever been there within the required time period. First click  to select “Route Name” and choose Start Time and End Time. Next click “Save”. The data will be shown in the form. The performance for Inorder Plan Setup needs to check in the Inorder Plan Operation.

Inorder Plan Setup

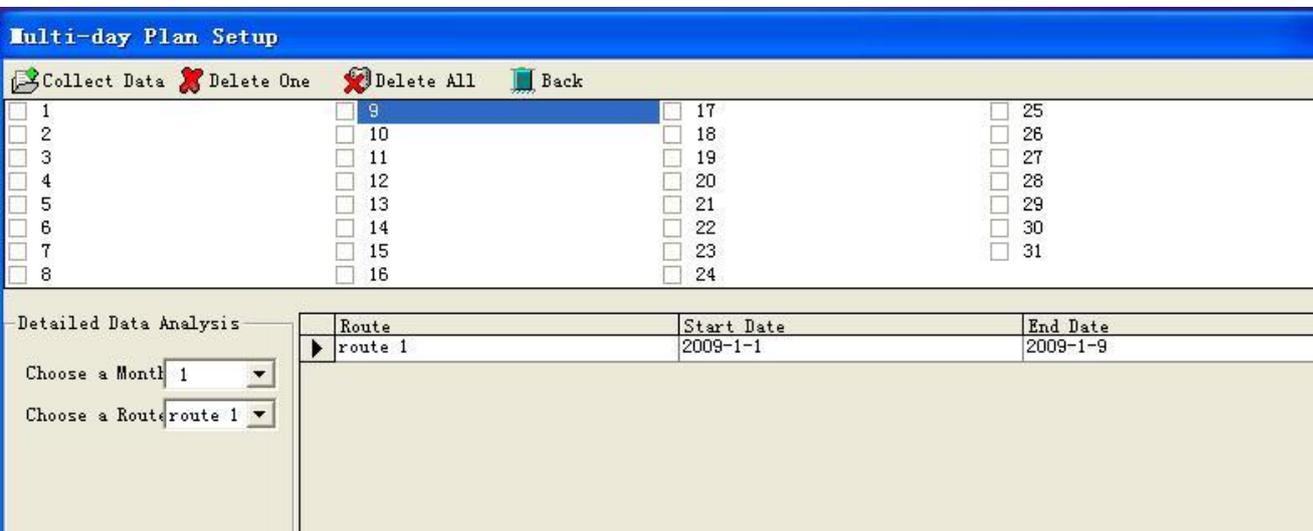
All Round | Delete One | Delete All | Print Data | Excel Report | Back

Details Setup
 Start Time: 16:00 | End Time: 17:00 | Route Name: route 1 | Save

Start Time	End Time	Route Name
▶ 16:00	17:00	route 1

3.3.5 Besides Order Plan Setup and Inorder Plan Setup, there is Multi-day Plan setup in the “Function Setup”. It is applied in the long route patrolling work which need more than one day to fulfill.

First choose the Month and Route Name by click respectively. Please tick the Start Date and End Date and then click “Collect Data”. The Multi-day Plan Operation in the main menu will analyze the work performance.



Please note that user can only choose one type of these three plan setup. They can't be worked compatibly.

3.3 Data Operation in the main menu is including database backup, database comeback and data initialization.

3.3.1 Database backup is easy to operate by storing the data in the any directory.

3.3.2 Database comeback is for data restoring function.

3.3.3 Data initialization is for all the data initializing.

Hope the instruction can help you for guard tour system application.

Thanks for your attention.

