# Guard Tour Management Software User's Manual WM-5000V5

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# **1. Basic Application Environment Description**

# **1.1 Hardware Requirements**

- > Pentium 4 1.5 GHz or higher, Athlon XP 1500+ or higher CPUs.
- ➢ More than 1GB memory
- ➤ USB communication
- > CD ROM optical Drive
- Display resolutions 1024 \* 768

## **1.2 Application Environment**

- Support Server:
  - ✤Windows 2000 Server
  - ♦ Windows 2003 Server
  - ✤ Windows 2008 Server
  - Windows 2012 Server
- Support Operating System:
  - ♦Windows XP
  - ✤ Windows Vista
  - Windows 7
  - Windows 8
  - ✤ Windows 10

#### **1.3 Install Software**

(1) Put the software CD in CD-ROM Drive and start installing.

📴 Setup - Patrol Management System 2.0	- • •
Select Destination Location Where should Patrol Management System 2.0 be installed?	
Setup will install Patrol Management System 2.0 into the following	folder.
To continue, click Next. If you would like to select a different folder, click B	rowse.
C:\Program Files (x86)\Patrol Management System 2.0	Browse
At least 79, 4 MB of free disk space is required	
At least 79,4 MB of free disk space is required.	
Next >	Cancel

# (2)

Setup - Patrol Management System 2.0	- • •
Select Start Menu Folder Where should Setup place the program's shortcuts?	
Setup will create the program's shortcuts in the following Start	Menu folder.
To continue, click Next. If you would like to select a different folder, clic	Browse.
Patrol Management System 2.0	Browse
< Back Next >	Cancel

(3)

📴 Setup - Patrol Management System 2.0	
Select Additional Tasks Which additional tasks should be performed?	
Select the additional tasks you would like Setup to perform while ins Management System 2.0, then click Next.	stalling Patrol
Additional shortcuts:	
Create a desktop shortcut	
Create a Quick Launch shortcut	
< Back Ne	xt > Cancel

(4) Click "install" to continue

🔂 Setup - Patrol Management System 2.0 📃	
Ready to Install Setup is now ready to begin installing Patrol Management System 2.0 on your computer.	
Click Install to continue with the installation, or click Back if you want to review or change any settings.	or
Destination location: F:\金万码\软件\Patrol Management System 2.0	*
Start Menu folder: Patrol Management System 2.0	
Additional tasks: Additional shortcuts: Create a desktop shortcut	
< Back Install	Cancel

#### (5) Finish installation



# 2. How to use the software

# 2.1 Log in

(1) Open the log in interface, choose an operate name and type the password.

Guard Patrol System		×
Welcome to intellig	ent guard tour management system.	R
User Information Username Password	Supervisor	Log in Cancel

Hint: First time to use software, please click 😵 get password information.

# 2.2 Register Reader

First open the software, it will remind you to register device.



(1) Choose Yes

Guard Patr	ol System	×
Registe	r Reader	
NO	Reader Name	Register Reader     Delete Reader
		H. Exit

(2) Connect the reader with computer, then click "Register Reader". After the reader name showing, then click confirm.

Guard	d Pat	rol System						×
R	egist	er Reader						
N	10	Reader	Name		ſ	<b>+</b> R	Register Re	eader
	Gu	ard Patrol Sy	stem				×	
	1	Reader Name	WM5000V5					
			<ul> <li>Image: A start of the start of</li></ul>	Confir	m	X	Cancel	]
						47	Exit	

# 2.3 Clear Data and Timing

Connect reader with computer, clear the original data in reader.





**Reader Timing** 

Connect reader with computer, click "Reader Timing".





# 2.4 Parameter Setup

	Guard Patrol System			×
	Company Function	Yes 🔹	Event Function	No
	Backup Automatically Path		Backup Automatically Days	3
	Omission Alarm	No	Omission Alarm Time(minute)	0
	Time for One Round	No	Remain Time	No
	Early and Late	No	Sequence Patrol	No
	Special Plan	No	Clear Data	Clear data in reader after reading s
	Backup Automatically	Backup Automatically 🔹		
-				Confirm X Cancel

**Company Function**: Click "Yes", then open the company function. (If you need set

according different departments, you can open this function)

Event Function: Click "Yes", then open the event function. (Event is used for recording all

kinds of sudden situation during patrolling. Set these events that maybe happen by event wallet. If guard meets the pre-set event during patrolling, then read the corresponding event tag.)

Backup Automatically Path: Patrol data will be backup automatically in there.

Backup Automatically Days: If you set 3 days, the software will only backup the data of the latest 3 days. At the same time, the data of more than 3 days will be deleted automatically. **Omission Alarm**: Click "Yes", then open the omission alarm function.

**Omission Alarm Time**: You can set the delay time of sending omission alarm data in there.

**Time for one round**: Click "Yes", then you can open the function of actual time for patrolling one round.

**Remain Time**: Click "Yes", then open the "remain time"function, it is the valid stay time at one checkpoint.

Early and Late: Click "Yes", then open the early and late time for patrolling.

**Sequence Patrol**: Click "Yes", then open the sequence patrol function, guard has to patrol checkpoints in turn.

**Special Plan**: Click "Yes", then open the special plan function. (For example, if you want patrol in a different plan at one day, you can open this function and set a special plan. So this day, you can patrol follow the special plan. And the next day, you can continue to patrol follow the normal plan.

Clear Data: It can clear data automatically in reader after reading.

Backup Automatically: You can choose whether backup automatically in there.

#### 2.5 Patrol Setup

2.5.1 Company Setup

(1) Add the company according to the actual situation.



# (2) Choose "Add Company" to add.

Guard Patrol System	×
Patrol Company Setup	
Tour company Tour company 1	+ Add Company
- Tour company 2 - Tour company 3 - Tour company 4	+ Add Subsidiary
	🥟 Modify Company
	- Delete Company
	Kit Exit

Guard Patrol Syste	em ×
Company Name	Tour company
	Confirm X Cancel

#### Attention: The company name can't be repeated.

(3) Click "Add Subsidiary" to add the department..

Guard Patrol Syste	em	×
Company Name	Patrol Department	
	Confirm	Cancel

#### 2.5.2 Event Setup (Optional)

Event Introduction: Event is used for recording all kinds of sudden situation during patrolling. Set these events that maybe happen by event wallet. If guard meets the pre-set event during patrolling, then read the corresponding event tag.

(1) If you want set this function, you need open this function firstly.

Basic Operation Patrol Setup Data N	faintain	Guard	Patrol System		
Operate Modify System Management Password Initialization	Backup Backu n Information Databa	up Restore Reader pata Parameter	Parameter Setup		
	Guard Patrol System	Yes 👻	Event Function	Yes	
	Backup Automatically Path Omission Alarm Time for One Round	No •	Backup Automatically Days Omission Alarm Time(minute Remain Time	№           Ycs           0           0           No	
	Early and Late Special Plan Backup Automatically	No  Backup Automatically	Sequence Patrol Clear Data	No   Clear data in reader after reading s	2.0
			·	Confirm X Cancel	
		FOCU GUARD TOUR 200	ISING ON SYSTEM IT YE DI-2017	ARS	

(2) Then set the event.



(3) Choose a company that you need add event, then read event tags by the reader. Connect reader with computer, click "Batch Read".

Guard Patrol System					×	¢
Event Setup						
Patrol Company 1	No	Card ID	Event Name	+	Add Event	
					Modify Event	
				-	Delete Event	
					Export Event	
					Up	
				•	Down	
					Batch Read	
				4	Exit	

(4) Change events name according to your actual situation.

ard Patrol System					
Event Setup					
Tour company	No	Card ID	Event Name	+	Add Event
Tour company 1 (2)	1	270099009E	e transformer is stolen		
Tour company 2 Tour company 3	2	560038442A	The transformer is dan	<i>,</i>	Modify Event
Tour company 4				-	Delete Event
					Export Event
					Up
					Down
					Batch Read
				41	Exit

# 2.5.3 Guard Setup

(1) Choose the "Guard Setup"



(2) Choose the company, then read guard tags by reader. Connect reader with computer, click "Batch Read".

Guard Patrol System					>
Guard Setup					
Patrol Company 1	NO	Guard ID	Guard Name	+	Add Guard
<sup>w</sup> Patrol Company 2					Modify Guard
				-	Delete Guard
					Export Guards
					Import Guards
					Up
				•	Down
					Batch Read
				47	Exit

# (3) Change the guard name.

Guard Patrol System					×
Guard Setup					
⊡ Tour company	NO	Guard ID	Guard Name	+	Add Guard
Tour company 1 (2)	1	000001721CA1	@1	-	
Tour company 2	2	00000172BE9A	@2	Ø	Modify Guard
Tour company 4				-	Delete Guard
					Export Guards
					Import Guards
					Up
				•	Down
					Batch Read
				47	Exit

# 2.5.4 Checkpoint Setup

(1) Choose "Checkpoint Setup"



(2) Choose a company, then read checkpoints by reader. Connect reader with computer, click "Batch Read".

Guard Patrol System		
Checkpoint Setup		
Patrol Company 1	NO Checkpoint ID Checkpoint Name	+ Add Checkpoint
		nodify Checkpoint
		Delete Checkpoint
		🕜 Up
		Down
		Export Checkpoint
		Import Checkpoint
		Batch Read
		<b>Exit</b>

(3) Change the checkpoint name.

Checkpoint Setup					
Tour company	NO	Checkpoint ID	Checkpoint Name	+	Add Checkpoint
Tour company 1 (5)	1	240046E529	Place 1		
Tour company 2	2	3C007C677F	Place 2		Modify Checkpoint
Tour company 3	3	330075DCDD	Place 3		
Tour company 4	4	2240046E470	Place 4	_	Delete Checkpoint
	5	170058C8393	Place 5		
					Up
				•	Down
					Export Checkpoint
					Import Checkpoint
					Batch Read

# 2.5.5 Plan Setup

(1) Choose "Plan Setup"

Basic Operation	Patrol Setup	Data Mainta	ain															
1 Register Reader	Company Setup	Event Setup	Guard Setup	Checkpoint Setup	Plan Setup	Exit												
	000.	<u>ww</u>		-													l.	H
	In	tell	igeı	nt Pa	atro	I Ma	an	nag	ge	m	en	t S	ys	ten	n 2	.0		
				(	GUARD	FOC TOUR		ING YST	ON EM	17 1	ΥEΔR	25						
						L		LQ										

(2) Set Plan

Choose a company, click "Add Plan".

rd Patrol System						
Plan Setup						
Patrol Company 1	Plan Special	Plan				
Patrol Company 2	NO	Plan Name	Start Date	End Date	Reader Information	🛨 🛛 Add Plan
						nodify Plan
						🗕 Delete Plan
						Assign Reade
						🖏 Exit

Type the plan name, start time and end time. Choose patrol checkpoint. Open the "Patrol Schedule". Click "Batch Schedule".

ard Patrol S	System				
Basic Informa	ation				
	Plan Name Gener	ral plan Start Da	ate 2016/11/18	✓ End Date 2020	6/12/31 👻
Checkpoints					
Patrol Schedu	ule				
NO 1 day	Add New Day				
NO	Start Time	End Time	Guard		Batch Schedule
					+ Add Schedule
					nodify Schedule
					- Delete Schedule
					Guard Setup
					_
Rest					8
					Confirm X Cance

Choose the guard(optional), type the plan information.

Guard Patrol System				×
Guard			•	Clear
Start Time End Time	00:00	×	The r	next day next day
Time for Patrol One Times			0	Minute
RestTime			0	Minute
		🗸 Co	nfirm	X Cancel

## Open the "Rest" to set the rest day.

Guard Patrol System					x
Basic Information Plan Name Genera	il plan Start D	ate 2016/11/18	✓ End Date	2026/12/31 👻	
Checkpoints					8
Patrol Schedule					۲
Rest					
Week Rest			Special Rest		
Monday	NO	Rest	*	🔶 🔒 Add Rest	
Tuesday					
🔲 Wednesday				Modify Rest	
Thursday				- Delete Rest	
Friday					
Saturday					
Sunday					
				🗸 Confirm 🗙 C	Cancel

(3) Set special plan (Optional)

You can set special plan when you need a different plan at one day.



# 2.6 Data Maintenance

- 2.6.1 Operator Management
- (1) Choose "Operator Management".





Guard Pat	rol System	×
Operat	or Management	
NO 1	Operator Name Supervisor	+ Add New Operator
		Modify Operator
		- Delete Operator
		⊑të Set Limit
		Exit

You can add, modify or delete operator.

2.6.2 Modify Password

Open "Modify Password"

Basic Operation Patrol Setup	Data Maintain
Operate Modify	🕥 🍇 🔩 🗐 🏵 Constant Statute Backup Backup Restore Reader Parameter Exit
Aanagement Password	Intelligent Patrol Management System 2.0         Focusing on         GUARD TOUR SYSTEM IT YEARS         2001-2017
	Guard Patrol System
	Current Password New Password Confirm Password
	Confirm X Cancel

# 2.6.3 System Initialization

Choose "System Initialization".



Suggestion: You can use "System Initialization" to clear useless data in software when first time to use.

Attention: After the software has been using for a while, use this function will delete the information that already saved in the software.

2.6.4 Information Backup



E	ver	a	
	udf	USB2SPI	PATROLD
		DRIVER	B.FDB
-			
C:\User	s\Administrat	or\Documents'	\Data_Backup\PATROLDB20161118
Backup	Files (*.FDB)		•

#### 2.6.5 Database Backup



E	CP210XDri ver udf	HistoryDat a USB2SPI_ DRIVER	Images PATROLD B.FDB	Language	Logo	sounds			
C:\Users\Administrator\Documents\Data_Backup\PATROLDB20161118									
Backup	Files (*.FDB)					•			

## 2.6.7 Restore Data

If your database has problems, you can click "Restore Data" to recover the data.



# 2.7 Basic Operation

## 2.7.1 Read Data

Connect reader with computer, click "Read Data".



#### 2.7.2 History Data

Function Introduction: History data is mainly used to query the original data, that is, the data without any processing. It will record all data. On the other hand, the data of patrol report only shows data follow the patrol plan.



#### 2.7.3 Patrol Report



Type the condition follow your requirements.

Inquiry Condition			D.	10	Company Name	Plan Guard	Start Time	End Time	Plan Name	Plan Times	Arrived Times	Omission Times
		+	÷	1	Beijing		2016/11/18 6:00:00	2016/11/18 6:10:00	General plan	3	0	3
Start Time	2016/11/12	00 0	- Þ-	2	Beijing		2016/11/18 6:30:00	2016/11/18 6:40:00	General plan	3	0	3
Start Time	2010/11/18 0	.00 0		3	Beijing		2016/11/18 7:00:00	2016/11/18 7:10:00	General plan	3	0	3
End Time	2016/11/19 🗸 00	:00 0:	÷.	- 4	Beijing		2016/11/18 7:30:00	2016/11/18 7:40:00	General plan	3	0	3
				- 5	Beijing		2016/11/18 8:00:00	2016/11/18 8:10:00	General plan	3	0	3
Company Information	China	~	- Þ-	6	Beijing		2016/11/18 8:30:00	2016/11/18 8:40:00	General plan	3	0	3
Blan Information		1.00		7	Beijing		2016/11/18 9:00:00	2016/11/18 9:10:00	General plan	3	0	3
Frantinormation		~	÷.	8	Beijing		2016/11/18 9:30:00	2016/11/18 9:40:00	General plan	3	0	3
Checkpoint Information		~	÷	9	Beijing		2016/11/18 10:00:00	2016/11/18 10:10:00	General plan	3	0	3
			÷	10	Beijing		2016/11/18 10:30:00	2016/11/18 10:40:00	General plan	3	0	3
Reader Information			•	11	Beijing		2016/11/18 11:00:00	2016/11/18 11:10:00	General plan	3	2	1
Data Tune	All Data -	-	÷.	12	Beijing		2016/11/18 11:30:00	2016/11/18 11:40:00	General plan	3	0	3
Data type		•	÷	13	Beijing		2016/11/18 12:00:00	2016/11/18 12:10:00	General plan	3	0	3
Inquiry				14	Beijing		2016/11/18 12:30:00	2016/11/18 12:40:00	General plan	3	0	3
			÷.	15	Beijing		2016/11/18 13:00:00	2016/11/18 13:10:00	General plan	3	0	3
			÷	16	Beijing		2016/11/18 13:30:00	2016/11/18 13:40:00	General plan	3	0	3
			÷.	17	Beijing		2016/11/18 14:00:00	2016/11/18 14:10:00	General plan	3	0	3
				18	Beijing		2016/11/18 14:30:00	2016/11/18 14:40:00	General plan	3	0	3
			÷.	19	Beijing		2016/11/18 15:00:00	2016/11/18 15:10:00	General plan	3	0	3
				20	Beijing		2016/11/18 15:30:00	2016/11/18 15:40:00	General plan	3	0	3
			÷.	21	Beijing		2016/11/18 16:00:00	2016/11/18 16:10:00	General plan	3	0	3
				22	Beijing		2016/11/18 16:30:00	2016/11/18 16:40:00	General plan	3	0	3
			÷.	23	Beijing		2016/11/18 17:00:00	2016/11/18 17:10:00	General plan	3	0	3
				24	Beijing		2016/11/18 17:30:00	2016/11/18 17:40:00	General plan	3	0	3
			÷.	25	Beijing		2016/11/18 8:00:00	2016/11/18 8:10:00	Special plan	3	0	3
				26	Beijing		2016/11/18 9:10:00	2016/11/18 9:20:00	Special plan	3	0	3

#### 2.7.4 Statistics



Type the condition follow your requirements.

Inquiry Condition		NO		Statistics Conte	nt	Plan Times	Arrived Times	Omission Times	Arrived Rate	Omission Rate
inquity containent		1		Beijing		96	2	94	2.08%	97.92%
Start Time	2016/11/18 🗸 00:00									
End Time	2016/11/19 🗸 00:00									
Company Information	China									
Checkpoint Information										
Reader Information										
Statistics Type	Statistics as Company	]								
	Inquiry	)								
			110 94 100 90 80 70 60 50 40 30 20 2 10 0 Beijing							rrived Times mission Times

# 2.7.5 Omission Alarm



#### 2.7.6 Alarm Data



#### 2.7.7 Log Information

Function Introduction: You can inquiry all kinds of operate information in the log.



				NO	Operate Form	Operate Content	Operate Time	Reader Code	Userna
Inquiry Condition			ů.	1	Guard Patrol System	Log in: PC-20151209VCHP	2016/11/18 10:08:29		Supervi
				2	Guard Patrol System	Register Reader	2016/11/18 10:09:40		Supervi
Start Time	2016/11/18	~	00:00	3	Register Reader	Register Reader	2016/11/18 10:15:01		Supervi
End Time	2016/11/19	~	00:00	4	Register Reader	Reader Name WM5000ES	2016/11/18 10:16:19		Supervi
End fille	2010/11/10		00.00	5	Register Reader	Exit	2016/11/18 10:17:27		Supervi
Reader Information				6	Guard Patrol System	Company Setup	2016/11/18 10:19:42		Supervi
				7	Company Setup	Add Company	2016/11/18 10:21:22		Supervi
Username				8	Add Company	Company Name: China	2016/11/18 10:21:29		Supervi
	Inquin			9	Company Setup	Delete Company China	2016/11/18 10:21:46		Supervi
	inquiry			10	Company Setup	Add Company	2016/11/18 10:21:47		Supervi
				11	Add Company	Company Name: China	2016/11/18 10:22:11		Supervi
				12	Company Setup	China -> Add Subsidiary	2016/11/18 10:22:21		Supervi
				13	Add Subsidiary	Company Name: Beijing	2016/11/18 10:24:06		Supervi
				14	Company Setup	Beijing -> Add Subsidiary	2016/11/18 10:24:07		Supervi
				15	Add Subsidiary	Company Name: Tianjin	2016/11/18 10:24:16		Supervi
				16	Company Setup	Delete Company Tianjin	2016/11/18 10:24:28		Supervi
				17	Company Setup	China -> Add Subsidiary	2016/11/18 10:24:29		Supervi
				18	Add Subsidiary	Company Name: Tianjin	2016/11/18 10:24:34		Supervi
				19	Company Setup	China -> Add Subsidiary	2016/11/18 10:24:40		Supervi
				20	Add Subsidiary	Company Name: Shanghai	2016/11/18 10:24:45		Supervi
				21	Company Setup	China -> Add Subsidiary	2016/11/18 10:24:46		Supervi
				22	Add Subsidiary	Company Name: Chongqing	2016/11/18 10:24:54		Supervi
				23	Company Setup	Exit	2016/11/18 10:25:41		Supervi
				24	Guard Patrol System	Plan Setup	2016/11/18 10:26:03		Supervi
				25	Plan Setup	Exit	2016/11/18 10:26:15		Supervi
				00	Our of Detroit Out on	Oh a character a character a	004004400 40.00.40		0