Manuals+ — User Manuals Simplified.

TM V18.Q8 Q1 QR Code System User Manual

Contents

TM

TM V18.Q8 Q1 QR Code System

Product Information

Version: V18.Q8

Appearance Display

- Front:
    - QR Code Identification
    - QR Code
- Side:
    - Reset button
    - 2.8 Inch Color Screen
    - Key Board Card
    - USB flash disk port
    - Speaker
- Back:
    - DC12V 10PINPower supply/Lock/Exit button/Wiegand out/Door bell TCP/IP

Product Usage Instructions

Cross Time and Shift Settings

1. Cross time is set at 09:00am.
2. The shift should start after 09:00am.
3. Clock-in records before 09:00am on Tuesday should be counted as the record of Monday.
4. If you don't need to clock at noon, combine the two sections into one. For example: 0830-1200 1330-1750, it can be set to section 1: 0830-1750.
5. Time skip setting is not allowed. For example, when you complete the setting of Section 1, you cannot skip Section 2 and get to set Section 3.

6. To upload shift arrangements into the device after editing, insert a U-disk and click "Upload Shift".

Wall Mount Installation

1. The recommended installation location is 130cm from the lowest point of the device to the ground (a suitable height can be identified according to the actual situation).
2. Disassemble the rear hanging plate and attach it to the wall to select the suitable installation position, then make a mark.
3. Drill on the wall according to the marked position.
4. Fix the rear hanging plate on the wall.
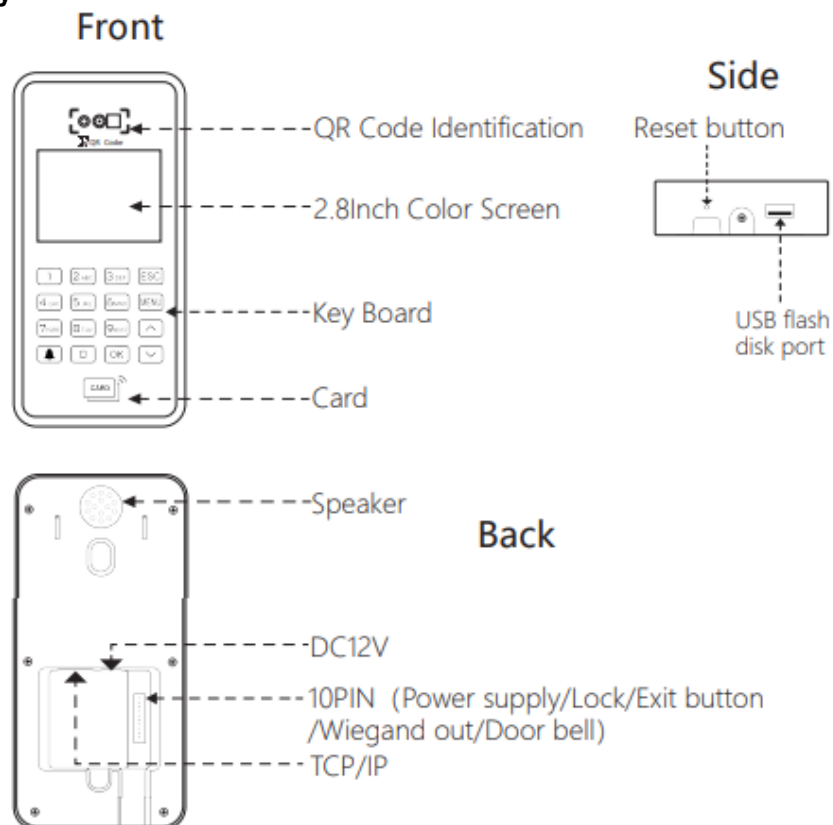5. Install the device on the rear hanging plate and fix it, then power it up.

Attention

1. Do not operate with power during installation.
2. When connecting electric lock, a 12V/2A power supply is recommended.
3. Do not install the device in direct sunlight or in a humid place.
4. Please read the wiring diagram of access control and wire it according to the rules strictly.
5. If the static electricity is a bit heavy, please connect the ground wire first and then connect other wires to protect the device from damage.

User Management

- Press MENU > User Mgt > Add user to enter the menu after passing the verification of an admin.
- ID: Each user can only have one unique ID.
- Name: Edit name by T9 input method.
- Password: An ID can only register one password. Enter the password to be set and then confirm it.
- Password Verification: Enter the user ID, enter the password, and press OK.
- Card: Each user can only register one card.
- User View: Locate the user you want to edit by Find or Find Name at the top of the page.
- Edit user information: Select the user you want to edit and change any information on this page except for the user ID.
- Delete user: Select the user you want to delete.
- Advanced setup: Set user shift settings and access control settings on the Advanced setup menu.
- Department: Set the department that the user belongs to.
- Privilege: User, Admin, and Super.user can be selected.
    - User: If there is an Admin in this device, the user is not allowed to access the menu.
    - Admin: The manager of this device. Only admin has permission to access the menu.
    - Super.user: Only when there is an Admin in the device, then Super.user can be enrolled. However, Super.user can only operate part of the menu, such as registering users.

Appearance Display

Front

- QR Code Identification
- 2.8Inch Color Screen
- Key Board
- Card
- Speaker

Side

- Reset button
- USB flash disk port

Back

- DC12V
- 10PIN (Power supply/Lock/Exit button /Wiegand out/Door bell)
- TCP/IP

Wall Mount Installation

1. The recommended installation location is 130cm from the lowest point of the device to the ground (a suitable height can be identified according to the actual situation).
2. Disassemble rear hanging plate and attach it to the wall to select the suitable installation position, then make a mark.
3. Drilling on wall according to the marked position.
4. Fix the rear hanging plate on the wall.
5. Install the device on the rear hanging plate and fix it, then power it up.
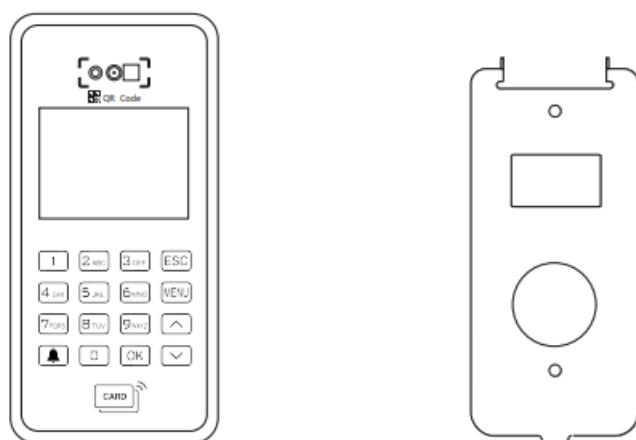
Wall mounted installation

Attention

1. Do not operate with power during installation.
2. When connectting electric lock 12V/2A power supply is recommended .

3. Do not install the device in direct sunlight or in a humid place.

4. Please read the wiring diagram of access control, and wire it according to the rules strictly.

5. On the situation that static electricity is a bit heavy, please connect ground wire first and then connect other wires, which can protect the device from damaging in static electricity

User Management

Press MENU > User Mgt > Add user , when there is a registered admin, After passing the verification of admin then the menu can be entered

- ID When registering, each user can only have one unique 'ID'.
- Name Input edit name by T9 input method.
- Password An ID can only register one password. After clicking the password icon, enter the password to be set and then press ok to confirm the password again.
- Password Verification Enter the user id, press the 'OK' , enter the password, and press the 'OK'
- Card Each user can only register one card.
- User View You can quickly locate the user you want to edit by Find or
- Find Name at the top of the page.

1. Edit user information: Select user you want to edit, you can change any information in this page except 'user ID'

2. Delete user: Select user you want to edit→Delete

3. Advanced setup Set user shift settings and access control settings on Advanced setup menu Department Set the department that user belongs to Privilege User and Admin and Super.user can be selected
   - User :If there is Admin in this device, user is not allow to access into menu
   - Admin : The manager of this device. Only admin has permission to access into menu.
   - Super.user : Only when there is Admin in device, then can enroll Super.user, but Super.user can only

operate part of menu, such as register users

Download and upload user information

Press MENU > User Mgt > Download enrollmsg ,insert U-disk in device to download, 3 files will be exported as below:

1. User data file (AFP_001.dat): It can be used to synchronized users between devices, and '001' represents device ID
2. User's enrolled photo(EnrollPhoto)
3. User information Excel sheet(Staff) Users can edit it in PC then upload back to device, please refer to below picture:

Fill in personnel information according to the prompt of form header. As for"Shift" item, it is the editing shift number in the time attendance setting. When complete the editing. Directly Click Save , and save the edited file into U-disk.
After editing shift form , press MENU > User Mgt ,then insert U-disk, click Upload enrollmsg and transmit the edited user information to device.
Remark: For Lock Time zone, start time and end time, Pls refer to Chapter 9 Access

Time Attendance Management

This chapter is used for setting shifts and attendance rules

1. **Attendence Rule**

   Press MENU > Shift > Atten rules

Item	Meaning
Re verify	Check if uses make punch repeatedly within this range,if records interval is than this value,records won't be stored.
Download shift	Export Shift Table
Upload shift	Import Shift Table
Log Warning	When rest available storage capacity is less than this value,device will alarm.
Self-service check log	If you select 'yes', after personnel identification, you can query your own identification records
Default Shift	Set default shift,when you add users,they will apply this default shift
Auto sign	According to the selected situation, the card will be automatically replenished. For example, when 'In a day' is selected, the early start time will be automatically replenished based on the shift frequency
Excel Pwd	Set password for attendance report
Late time	When user's late arrival time exceeds *** mins,then itis counted as late arrival
Reverify not Open Door	When 'yes' is selected, the door will not open after successful repeated recognition
Upload Questionnaire	Upload questionnaire

2. **Edit Shift**

Download Shift Press MENU > Shift > Atten rules , then insert U-disk. Click Download Shift , then you can download shift arrangement in excel form, Also you can edit the form on PC. Pls refer to below picture:

Shift

Note: A, shift name: up to 48 words. B. Section type: 0: normal attendance.1: overtime. C. cut off time: if the punch before the cut off time ,it will calculate as the previous day

NO.	Name	Sec1			Sec2			Sec3			CutoffTime:
		IN	OUT	Sec_type	IN	OUT	Sec_type	IN	OUT	Sec_type	
1	Day Shift	08:30	12:00	0	13:30	18:00	0	18:30	21:00	1	00:00
2	Night Shift	22:00	06:00	0							07:00

Edit shift arrangement according to the prompts of form header. Maximum 8 shifts can be set. Click Save after editing and save the file into U-disk.

Note:

1. Attendance time must be in the format of time, and attendance type must be in the format of digits. So when you handle the setting, pls pay attention that the input method is in English half-angle status. Checking Method: For example, when you input 10:30, double click this cell, then software will automatically turn the digits into 10:30:00.

   2 Edit Shift

2. If you set the shift of cross time, then the Clock-in before the cross time will be counted as the record of previous day. And shift should start after the cross time. For example

Shift

Note: A, shift name: up to 48 words. B. Section type: 0: normal attendance.1: overtime. C. cut off time: if the punch before the cut off time ,it will calculate as the previous day

NO.	Name	Sec1			Sec2			Sec3			CutoffTime:
		IN	OUT	Sec_type	IN	OUT	Sec_type	IN	OUT	Sec_type	
1	Shift1	23:00	08:00	0							09:00

Cross time is set at 09:00am. Then shift should start after 09:00, and Clock-in record before 09:00am on Tuesday should be counted as the record of Monday.

3.   If you don't need to clock at noon, combine the two sections into one . For example: 08 30-12 00 13 30-17 50,it can be set to section 1: 08 30-17 50

4. Time Skip setting is not allowed. For example, When you complete the setting of Section 1, you cannot skip Section 2 and get to set Section 3. Upload shift After editing, insert U-disk and click Upload Shift , then you can upload the edited shift arrangements into device.

Report

Press MENU > Report , Insert U-disk, and input the start and end time that you need to check. Click "OK"to download the report. The report includes original record sheet(Original Record), attendance list(Schedule)and summary sheet (Summary Report).

Original Record You can check all users' attendance records in the sheet. Pls refer to below picture:

Original record

Date:2019-8-1~2019-8-31

ID:1 Name:Lucas Dept.:Office Shift:Day Shift

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25	08:25
12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03	12:03
13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26	13:26
18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06	18:06

► ►I Original record / schedule / Summary Report / 📇

Schedule Attendance machine can automatically analysis the clock-in and clock-out data, and transmit these data in EXCEL file to the U disk. Format as below: (Remark: Red text indicates that the attendance is abnormal, such as late, early leave. Blue means overtime)

schedule

ID:1		Name:Lucas									
Dept.:Office		Shift:Day Shift					Date:2019-8-1~2019-8-31				

Date	week	Sec1		Sec2		Sec3		Work hours		OT hours	Late minutes	Leave minutes
		IN	OUT	IN	OUT	IN	OUT	Normal	Actual			
8-1	THU	08:25	12:03	13:26	18:06	18:06		8	8	0	0	0

► ►I Original record / schedule / Summary Report / 📇

Summary Report It is a Statistics display of employee attendance for one month

Summary Report

Date: 2019-8-1~2019-8-31

ID	Name	Dept.	Work hours		Late minutes		Leave minutes		OT hours		Work Dates(Normal /Actual)	Truancy
			Normal	Actual	TIMES		Minutes	TIMES	Minutes	Normal		
1	Lucas	Office	248.0	248					77.5		31.0/31.0	0

► ►I Original record / schedule / Summary Report / 📇

System settings

Press MENU > System
Device Setup

Item	Meaning
Time	Set device time
Language	Change device displayed language
Voice	Set the volume of speaker
Play name voice	Broadcast personnel name, supporting both Chinese and English name
Result Time	Identification interval time
Screen Idle	How long does it take to enter screen saver when the main Tnterface is not operating
Sleep mode	Set Sleep Time

Advanced setup

Item	Meaning	
Max Admin	Set the maximum number of device admin	
Device Verify Mode	C/P	Change device displayed language
	Others	Set the volume of speaker
QR code	Select the QR code mode, such as' Card QR code ', the QR code is equivalent to card number recognition	
Hide Privacy	Select the QR code mode, such as' Card QR code ', the QR code is equivalent to card number recognition	
Testing	When selecting 'yes', replace all names with * except for the first character	
Firmware up grade	Firmware up grade	

Access control management

Press MENU > Access
Access

Item	Meaning
OD delay	Set the time between lock relay effective and the state of resume normal
Stranger Access	Whether to open the door after stranger recognition
Door Password	Set a public door opening password
Alarm Output	When 'Bell' is selected, the device will ring when an alarm is triggered
Users	Set the number of user required to open the door.For example:set it to 2,only when 2 different users verify at the same time,the door can be opened
Anti Pass	Anti Pass
Wg Port	Select Wigan input or output
Wg Output	Define the content of wiegand output,user ID and card number can be selected
Wg format	You can define wiegand port output format.The default format is 34 bits,and it can be changed to 26bits
Fail count	Set the number of false presses, and send an alarm signal if the number exceeds the limit
Punch times in timezone	Punch times in timezone
Access denied no LOG	Access denied without saving records
Out of NO Time Zone Denied	Out of NO Time Zone Denied

Timezone settings
Day timezone
According to the rules and regulations of user's entry and exit, set the daily access time to the corresponding time period. You can totally set 8 groups of day time zones, or week time zones. For example, you can set the time between 6:00am and 8:00am to open the door, and the time between 17:00pm and 19:00pm to open the door. Pls refer to below picture Day Timezone 1 setting. If you want to set the door to be open in all day, pls refer to below picture Day Timezone 2 setting.

Example: 【Day Timezone 1】 setting as below

1	06 : 00	08 : 00
2	17 : 00	19 : 00
3	00 : 00	00 : 00
4	00 : 00	00 : 00
5	00 : 00	00 : 00

Example: 【Day Timezone 2】 setting as below

1	00 : 00	23 : 59
2	00 : 00	00 : 00
3	00 : 00	00 : 00
4	00 : 00	00 : 00
5	00 : 00	00 : 00

Week timezone

According to the rules and regulations of user's entry and exit, Set the passage time of each week to the corresponding day time zone. For example, the above-mentioned daily time zone rule(only 6:00am to 8:00am can open the door, and only 17:00pm to 19:00pm can open the door) applies from Monday to Friday, and door can be opened all day on Saturday and Sunday. Pls refer to (Figure 1) for Week Timezone 1:

Week time zone	
MON	1
TUE	1
WED	1
THU	1
FRI	1
SAT	2
SUN	2

(Figure 1)

Normal open time zone	
MON	1
TUE	1
WED	1
THU	1
FRI	1
SAT	1
SUN	1

(Figure 2)

Remark In our device, Week Timezone 0 is default to open the door all day. All other time zones are customizable

Normal open timezone

According to requirements, Set the passage time of each week to the corresponding day time zone .Example: If the setting is as (Figure 2), Day time 1 applies to every day , then it means the door is kept open between 6:00 am and 8:00 am and 17:00pm to 19:00pm everyday

User access setting

Press MENU > User Mgt > User View > select users > Advanced setup to edit T.zone

< BACK	Sophie(1)	
Edit		Advanced setup

ID	1	
Name	Sophie	
Card	202	Delete
PWD	*******	
Privilege	User	

< BACK	Sophie(1)	
Edit		Advanced setup
Dept		🖉
Shift		No 🖉
T.Zone		No 🖉
Birthday		03/24 🖉
Start:		2000-01-01 🖉
End:		2099-01-01 🖉

Data management

Press MENU > Data Mgt , Data management consists of 6 modules:
Download Glog Download All Glog Clear All Enroll Delete All Glog
Initialize Menu Clean Manager.

< ESC	Data Mgt
Down GLog	
Down all GLog	
Clean all enroll	
Delete all GLog	
Clear Database	
Init Menu	
Clean manager	

- Down Glog New attendance logs saved in device can be downloaded to U-disk, and form a TXT file, eg:'GLG_001.TXT'
- Down All Glog All attendance logs saved in device can be downloaded to U-disk, and form a TXT file, eg:'AGL_001.TXT'
- Clear All Enroll Delete all registration info of all users(include face card and pwd)
- Delete All Glog Delete all logs of all users
- Clear Database Delete all logs, user information, and set parameters
- Initialize Menu Reset device parameter settings, it won't affect user data and records
- Clean Manager Clear all manager privileges on the device

Communication

Press MENU > Comm set
Comm set

Item	Meaning
Device ID	Set corresponding device No.,the default device No.is 1,Please note that the number is related to the communication
Port No	The default port No.is 5005,For communication connection under LAN
Baudrate	Set the baud rate of the serial port
Serial function	Method of sending data through serial port

Server

< ESC	Server
Server Rep	No ✏
Use domainNm	No ✏
DomainNm	✏
Server IP	047.106.068.143 ✏
Ser Port No	7792 ✏
Heartbeat	3 ✏
Server approval	No ✏

When using WAN connection, please do corresponding server settings

Item	Meaning
Server Req	Select 'Yes' or 'No', select 'yes' to enable server communication
Use domainNm	Select 'Yes' or 'No'
DomainNm	If you select 'Yes' for 'Use domain Nm', enter the server domain name here
Server IP	If you select 'No' for 'Use domain Nm', enter the server ip address here
SerPortNo	Enter server port number
Heartbeat	Default value is 30s
Server approval	Enable server comparison function

Ethernet

< ESC	Ethernet
DHCP	No ✏
IP address	192.168.000.224 ✏
Subnet mask	255.255.255.000 ✏
Gate way	192.168.000.001 ✏
DNS Server IP	008.008.008.008 ✏

Use Ethernet to connect the device to computer, An example is shown in the figure below:

IP Address: 192.168.1.224
Subnet Mask: 255.255.255.0
Gateway: 192.168.1.1

IP Address: 192.168.1.100
Subnet Mask: 255.255.255.0
Gateway: 192.168.1.1

WIFI(Optional)

Click Search to select corresponding wifi hotspot, then input wifi password to connect it.

< ESC	WIFI
Search	
DHCP	否 ✎
IP address	192.168.000.224 ✎
Subnet mask	255.255.255.000 ✎
Gate way	192.168.000.001 ✎
DNSServerIP	008.008.008.008 ✎

Schematic Diagram of Access Control Wiring

1. **Schematic diagram of device wiring port**

|	TCP/IP	TCP/IP interface
White	Bell +	Door bell +
Gray	Bell −	Door bell −
Purple	WG_D1	WG 1
Brown	WG_D0	WG 0
Yellow	Lock_NC	Normal closed end of the control lock signal
Blue	Lock_COM	The common end of the control lock signal
Orange	Lock_NO	Normal opened end of the control lock signal
Green	Button	Open signal
Black	GND	GND
Red	+12V	+12V

2. **Device connection diagram**
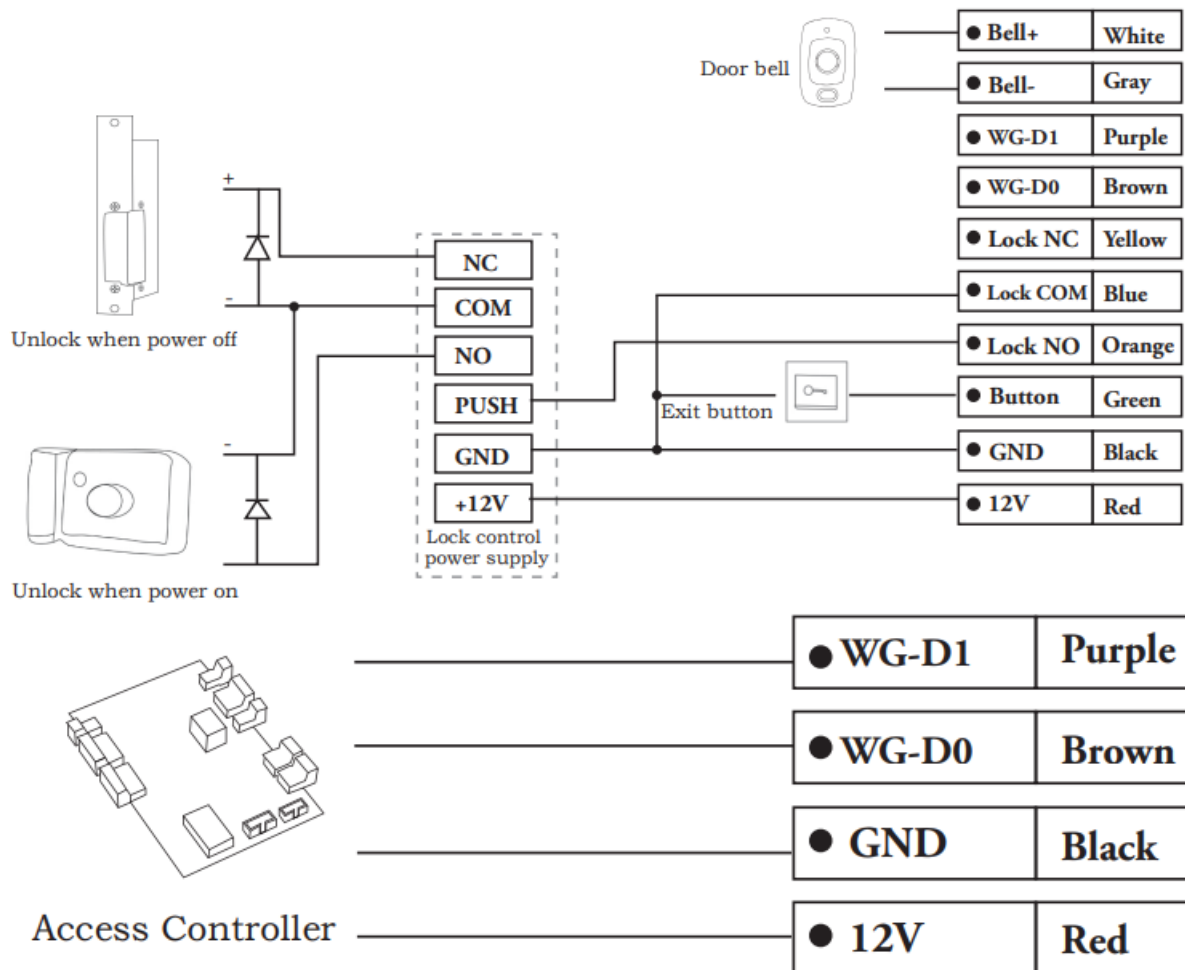
Input Method

Touch 'Alt' to switch capital/small letter or number, after finished,touch 'Ok' to save it
How to input punctuation:when the input method is in capital/small letter state,continuous click ' ' to select what you want to input. The first one is space, the second is dot and so on .
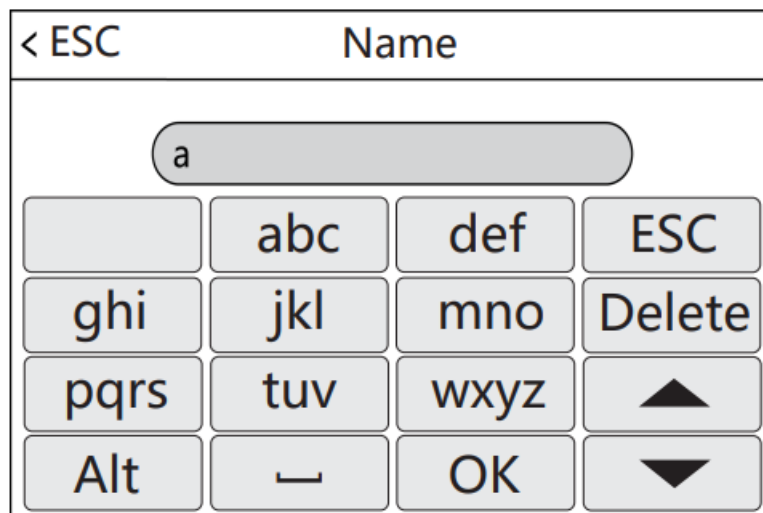
Device Setting

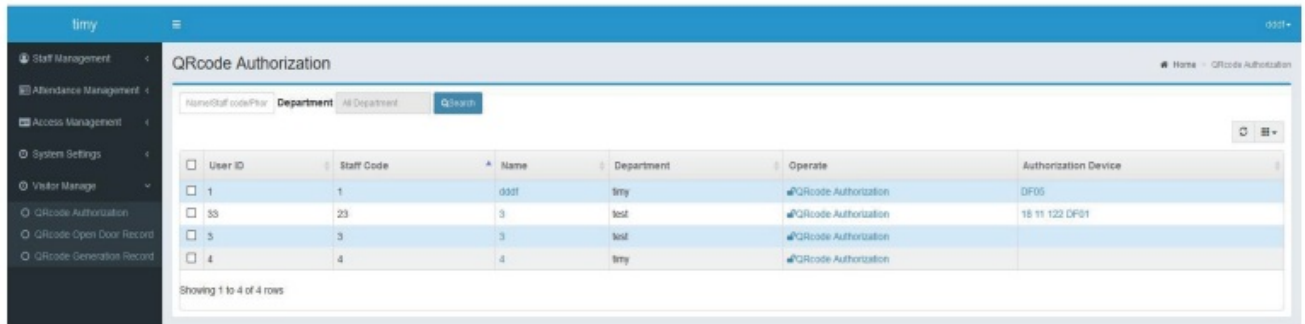Go into device menu, choose system > advanced setup > qrcode > visitor qrcode

Cloud software setting

Cloud software link is: **http://www.yunatt.com:82/**
Login cloud software.

1. QRcode Authorization (release permission of some device for staff to generate QRcode)

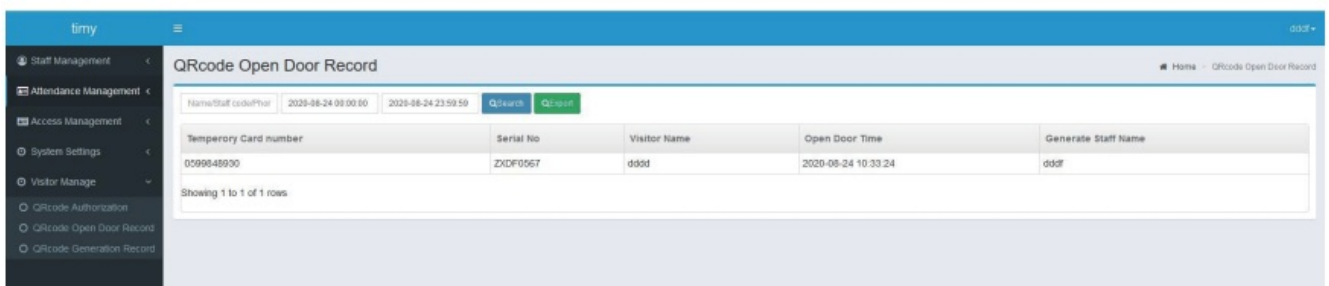   Go into visitor management, choose QRcode Authorization

Select the staff line QRcode Authorization, pop dialog, select the devices you want, click save, then the devices will be shown in Authorization Device area, it means user can generate QRcode in mobile app , and it can be recognized by these devices
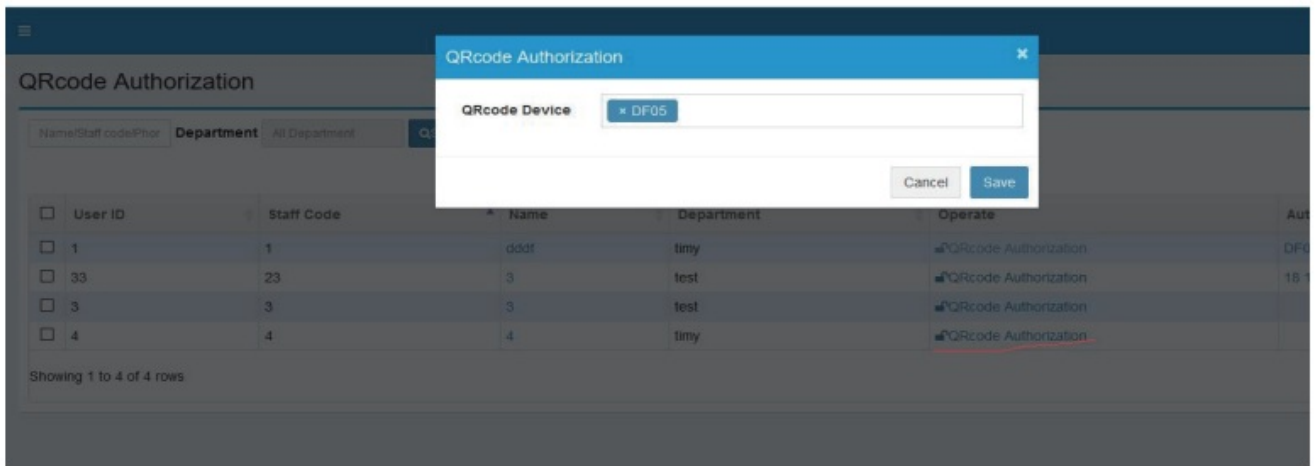
2. **QRcode Open Door Record**

   Go into visitor management, go click QRcode Open Door Record, you can check all QRcode open door record, it can query by time and staff code.

3. **QRcode Generation Recode**

   Go into visitor management, click QRcode Generation Record, you can check app generate QRcode record, it can query by time and staff code

Scan the following QR code to download APP

Use app to generate QRcode

Login app (the login name and password is same as web page login account) then go into home page, click upper right corner,menu,select visitor QRcode.

Go into input QRcode info page, input related info, input visitor name,validate time, open door device and effective times.

After generated QRcode and send to client, show to device .It will open the door during the valid time.

Documents / Resources

	TM V18.Q8 Q1 QR Code System [pdf] User Manual V18.Q8 Q1 QR Code System, Q1 QR Code System, QR Code System, Code System

References

- 🌐 **Intelligent Cloud Platform**