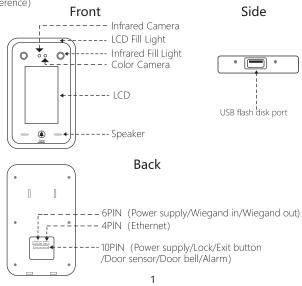
Dynamic Face Recognition Terminal quick guide

1.Appearance Display

(The appearace may have some difference, The pictures are just for your reference)



3、Time Group

Time group defines the group time zone during which the users belong to this group can open the door, each group can set up to 3 [time setting] As below sheet: 【Group 1】 includes three time zones:01,03 and 05 [Group 2] to [Group 5] only include time zone 01.

	The first time	The second	The third time
	zone	time zone	zone
Group 1	01	03	05
Group 2	01	00	00
Group 3	01	00	00
Group 4	01	00	00
Group 5	01	00	00

4、Lock Register

<	Door Se	etup
ID	Name	Lock Registe
1	Ryan	1:00:00:00
2	Dan	1:00:00:00
3	Sophie	1:00:00:00
4	Jacky	1:00:00:00
5	Eric	1:00:00:00
6	Olivia	1:00:00:00
7		1:00:00:00
	Find.ID	Find.Name

Click corresponding user to set user time zone, the number set in the lock register column represents different meaning, : represents an interval character,

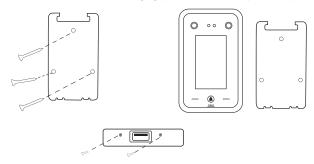
the first number represents the group that user belongs to, the other three numbers represent the serial number of time setting that we set in the previous section; After verifying in device, check if the time is in user time zone, if it is, then door will be opened, if not, first check if the user belongs to the user group, if not, it isn't allow to open the door, if it is, then check if this time is within group time zone, if it is, then door will be opened, otherwise, it isn't allow to open the door;

Note: Group time zone is set in section 5.3 Time Group, each user group can set up to three time zones.

5

2.Wall Mount Installation

- 1) The installation height should be selected according to the actual punching personnel. The height of the camera from the ground is generally recommended
- 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.



3.Attention

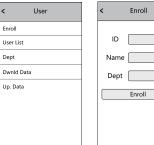
- 1) Do not operate with power during installation.
- 2) 12V/3A power supply is recommended.
- 3) Do not install the device in direct sunlight or in a humid place.
- 4) Please read the wiring diagram of access control, and wire it according to
- 5) On the situation that static electricity is a bit heavy, please connect ground wire first and then connect other wires, which can protect the device from damaging in static electricity.

4.User Management

Item	Meaning
	The user belongs to group 1, and the last three are all 00, which means
1:00:00:00	it will check if this time is in group time zone of group 1 rather than
	check user time zone, because all the user time zones are set to 00
	The user belongs to group 1, This user applies time setting 01,
	example: Time setting 01 set the time from 08:00-10:00 on Monday,
	Then the user only has permission to open the door at 08:00-10:00 on
1:01:00:00	Monday. If the user don't make punch within the time zone, first check
	if the user belongs to group 1, if not, it isn't allow to open door; if it is,
	then check if the time is in group time zone, if it is, the door will be
	opened, otherwise, it isn't allow to open door;
	The user belongs to group 2, This user applies time setting 01 and time
	setting 02, example: Time setting 01 set the time from 08:00-10:00 on
	Monday ,Time setting 02 set the time from 13:00-15:00 on Monday,
2:01:02:00	Then the user has permission to open the door during these two time
2:01:02:00	periods on Monday. If the user don't make punch within the time
	zone, first check if the user belongs to group 2, if not, it isn't allow to
	open door; if it is, then check if the time is in group time zone, if it is,
	the door will be opened, otherwise, it isn't allow to open door;
	It can be free combined ,access periods and so on

You can quickly locate the person you want to edit by [Find ID] or [Find Name at the bottom.





Click the icon in the lower left corner of screen to access into menu > [User] > [Enroll], when an admin is registered. After passing the verification of admin's

face or password 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.

[Face] Follow the on-screen prompt for face registration.

[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

[Password Verification] In initial interface, click icon (, input ID-click 'OK'-input password-click 'OK'.

[Card] Each user can only register one card.(Optional).

[User List]: You can quickly locate the user you want to edit by [Find ID] or [Find Name] at the top of the page. Or slide the screen to search user.

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

[Department] Set the department that user belongs to

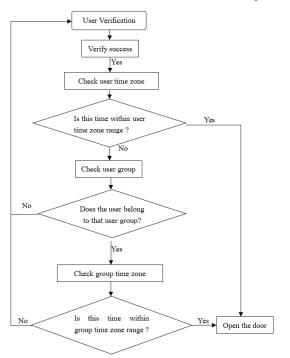
[Privilege] User and administrator can be selected

[Down.Data] Insert U-disk, download the user information(including name, face.etc), file name is'plu000001' and 000001 represents device ID.

[Up.Data] Insert U-disk, upload the previous backup file. It is also suitable for synchronizing personnel information between two devices of two same model.

3

5. Verification flow chart based on user access control settings



6.Time Attendance Management

This chapter is used for setting attendance rules and download attendance report to USB disk directly. 7

5.Access control management

Click the icon $\frac{1}{100}$ in the lower left corner of screen to access into menu > 【Door Setup】, it includes door setup, time setting, lock register ,time group , unlock group settings.

<	Door Setup
Door S	etup
Time S	etting
Lock R	egister
Time G	iroup
Unlock	Group
Lock Ty	/pe Set

1. Door Setup

Item	Meaning
Wiegand Output	Set the type of wiegand output, optional user ID or card No.
	INO.
Wiegand Bit	Optional 26 bit or 34 bit
	Set the time between lock relay effective and the state of
Lock Delay	resume normal.

2. Time Setting

According to the rules and regulations of user's entry and exit, Set the access time of each week to the corresponding time setting, you can totally set 50 periods. Period 01 is open all day by default, period 04 is alarm period

<	Door Setup
01	Time Setting
02	Time Setting
03	Time Setting
04	Time Setting
05	Time Setting
06	Time Setting
07	Time Setting
08	Time Setting
09	Time Setting

4

00:00:23:59 00:00:23:59 00:00:23:59 00:00:23:59 00:00:23:59 00:00:23:59

1. Grace Min

Click the icon to the lower left corner of screen to access into menu > [Schedule], It includes record warning setting, grace min setting and log

Item	Unit	Meaning	Scope
		When user's late arrival time exceeds	
Late	Min	*** mins , then it is counted as late	0-60
		arrival.	
		When user's early leave time	
Early Leave	Min	exceeds *** mins , then it is counted	0-60
		as early leave.	

2, Report

Click the icon \text{\text{\text{\text{Click}}} in the lower left corner of screen to access into menu > [Report], it includes company name setting, download/upload shift,

download report and download attendance records.

[Company] :Set company name, it will be shown in report.

[Download shift]: Insert U-disk, can download shift settings information (Times Table) and user scheduling information(Shift table) in Excel format, then edit it on pc, pls refer to the below picture:

			Times ta	able		
			Shift Time			
Shift	A	X	F	N.	01	rer
No	In	Out	In	Out	In	Out
1	08:00	12:00	13:30	17:30	18:30	21:00
2	08:00	12:00				
3	23:00	07:00				
> H Time	Shifts /					

Edit shift according to actual shift time. After editing and save the file into U-disk.

- 1) For data security. Must copy the file to the computer, and then edit, and then copy back to the U disk. Do not edit directly in U-disk. Otherwise, an error will be prompted when uploading
- 2) 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.

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, 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.

	Shift Table																																
"Special	"Special: 25-Leave, 26-Business																																
S	hift Dat	e															20	19-	10														
No	Nane	Department		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	3
NO	Name	Department	Tu	Ve	Th	Fr	Sa	Su	Mo	Tu	Ve	Th	Fr	Sa	Su	No	Tu	We	Th	Fr	Sa		Мо	Tu	Vе	Th	Fr	Sa	Su	Mo	7u	Ve	T
1	Ryan	Finance		П			П			1	1	1	1	1		1	1	1	1	1			1	1	1	1	1			1	1	1	1
2	Dan	Sales		П			П			2	2	2	2	2		1	1	1	1	1			1	1	1	1	1			1	1	1	1
3	Sophie	Finance								1	1	1	1			1	1	1	1	1			1	1	1	1	1			1	1	1	1
4	Jacky	Finance	1	1	1	1			1	1	1	1	1			1	1	1	1	1	2		1	1	1	1	1			1	1	1	1
H Tine Shifts 🖫																																	

Assign shift to users, the "1" in this table represents shift 1 (the default shift is shift 1), according to real situation to assign shift to users. 1-24 represent the different shifts, 25 and 26 correspond to leave and business trip respectively and can't be modified, If set to blank, it represents rest or holiday.

We recommend to editing and uploading the sheet to device before downloading attendance report at the end of the month.

[Upload shift]: After editing, insert U-disk and click **[Upld Shift]**, then you can upload the edited shift settings and user scheduling information into device. [Download report]: Insert U-disk, select the start and end time, then click 'Report' to download, it includes 5 different kinds of reports as below:

late:	2019/10/	01 ~ 10/22	(Tinny)											lote: p	Lease	complete	the p	art of	orange	color m	anual
			Length	of work	Tare	liness	Earl	y Leave	Over '	tine	Attend	The said			Be	onus P	ıy		Deduct			
Жо	Name	Departmen t	Require d	Actual	tin ez	nin	tin ex	nin	Regualr	Speci al		ness Trip	Abze	Leav	Hote	Over	All owance	Late Early Leave	Absen		Actual Pay	Hono
- 1	Ryan	Finance	96.00	15.45	1	9	1	6	2.46		12/2		10									
2	Dan	Sales	76.00	0.00							12/0		12									
3	Sophie	Finance	88.00	5.59	2	75	•	46	0.35		11/1		10									
4	Jacky	Finance	132.00	2.29	61	91					17/1		16									
5	Eric	Finance	128.00	0.00						0.43	16/0		16									
H Suns	ary Shi	te /Loss /	Abnorma.		/4/		.8,9		18 / 🞾 /				114									

	Shifts Table																													
Date:	te: 2019/10/01 ~ 10/22(Timmy) "Special: 25-Leave, 26-Business Trip, Space-Holiday																													
No	Nane	Department	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22				П	П	_
no	Name	рерагсиенс		We	Th	Fr	Sa	Su	Мо	Tu	Ve	Th		Sa	Su	Но	Tu	Ve	Th	Fr	Sa	Su	Mo							
1	Ryan	Finance								1	1	1	1	1		1	1	1	1	1			1	1						
2	Dan	Sales		П			П			2	2	2	2	2	П	1	1	1	1	1			1	1	П		П	П	П	
3	Sophie	Finance								1	1	1	1			1	1	1	1	1			1	1						
4	Jacky	Finance	1	1	1	1	П		1	1	1	1	1		П	1	1	1	1	1	2		1	1	П	П	П	П	П	
5	Eric	Finance	1	1	1	1			1	1	1	1	1			1	1	1	1	1			1	1						
► H Sunn:	M Sunnary Shifts Logs / Abnornal /1.2.3 /4.5.6 /7.8.9 /10.11.18 / 🖫																													

9

Comm Enable IP Address 000.000.000.0 Netmask 000 000 000 0 000.000.000.0 Sateway DNS Server IP 008.008.008.0

3、Ethernet

< Comm	Item	Meaning
Enable Yes 🗸	1,Enable	Yes / No, Whether to use this connection
DHCP Yes Ø		Yes / No
IP Address 000.000.000.000		1、 Select "Yes" . Device will automatically get a valid IP address
Netmask 000.000.000.000		2、Select "No" . You need to set the IP address manually
Gateway 000.000.000.000	2,DHCP	3、In Local mode, we recommend to set the IP address manually,
DNS Server IP 008.008.008.008		because if you restart the device, it may get another valid IP
MAC Address 48:b6:5f:71:45:25		address. So that the software cannot communicate with the
		device.
		4. Please do the settings according to the real network situation.
	When usin	ng Ethernet, please disable wifi

4、WIFI (Optional)

Enable	No 🕖
Search	>
DHCP	Yes O
IP Address	000.000.000.000
Netmask	000.000.000.000
Gateway	000.000.000.000
DNS Server	008.008.008.008
MAC Addres	ss

Item	Meaning				
1、Enable	Yes / No				
	Yes / No				
	1、In Local mode and use supporting software ,select "No" , then				
2, DHCP	set the IP address manually				
	2. In Internet mode, we recommend to select "Yes"				
	The operation steps are similar to the operation method of				
	connecting the mobile phone to the WIFI. Select "Search", Device				
3、Search	will spend a short time searching for signals, Then select the WIFI				
	you want to connect to and enter the password				
When using WIFI, please disable Ethernet					

9. Schematic Diagram of Access Control Wiring

1)Schematic diagram of device wiring port

(According to the number of port to select corresponding wiring diagram)

13

													Li	st	of	Lo	gs										
Perio	od :	2019		1 " 1		(Tim	ay)																	Prin	ted:	2019	2
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22						
No :		î.						Name		Ryan								Dept		Fina	nce						
								07:58 12:02 13:25 17:31 18:28 21:08	12:03 13:23 17:24							19:33 19:49											
F H	Sunn	ary	Shif	ts L	ogs	Abnor	mal .		3 / 4.	5.6	7.8.9			3 / 🐫						1 4							

	Abnormal Clocking										
Date:	ate: 2019/10/01 ~ 10/22										
No	Name	Departne nt	Date	In	II Out	In	M Out	lardines s	Leave	Total (mm)	Heno
1	Ryan	Finance	2019/10/10	08:09	12:03	13:23	17:24	9	6	15	
3	Sophie	Finance	2019/10/22	09:10	11:14	13:35	17:34	75	46	121	
4	Jacky	Finance	2019/10/16	09:09							
4	Jacky	Finance	2019/10/19	09:31	14:03			91		91	
7	Zou	Finance	2019/10/14	10:48	10:51			168	69	237	
▶ M Summ	M Summary Shifts Logs Abnormal 1.2.3 /4.5.6 / 7.8.9 / 10.11.18 / 4										

											A	tt	end	lan	ce	Re	epoi	t											
Period		2	019/10	/01 ~	10/22					Printed		2	019/10	22															
Dogarta ant			Financ			Yana		Byun		Department			Sales			Eure		Dun		Reparts out			Financ			Huno		Sophie	
Date		2019/	10/01	10/2		No.		1		Date		2019/1	0/01 1	10/22		H ₂		2		Bate		2019/1	0/01 ^	10/23		30		3	
		Busi	1/0	0	rec	Tar	liness	Eurl	y Leave			Buxi	1/0	0v	97	Tax	dinext	Earl	y Leave			Busi	1/0	0	rer	Tar	liness	Eurl	y Leave
Absente	Leave	ness Trip	7110	Roger	Speci	(ts)	(mn)	(tx)	(na)	A3 sea.ce	Leave	ness Trip	(64)	Regus la	Speci al	(ts)	(nn)	(ts)	(m)	Absence	Leave	ness Trip	(84)	Regus	Speci	(ts)	(mm)	(61)	(mn)
10			2	2.46		1	9	1	6	12										10			1	0.35		2	15	1	46
			Att	enda	ince	Tabl							Att	enda	nce	Tabl	e						Att	enda	nce '	fabl			
44/w		M			- 7	4		Ove	r	40/10		ATI			7			Over		65/vv		131			11			Over	
OL/VV	Ir		Dat		In.	Out	I.	n I	Out	40.00	I	П	Out		In .	011	t 1	n	Out	00/44	In		Out		In	Ost	1		Out
01 Tu	07:	58	12:02	- 1	3:25	17:3	1 18:	28	21:00	01 Tu				Alts	exce					01 Tu				Ab	sence				
02 ¥e	08:	09	12:03	- 1	3:23	17:2	4			02 Ne				Abo	03.C0					02 Ye				Ab	E ence				
03 Th										03 Th										03 Th									
04 Fr										04 Fr										04 Fr									
F H	Summa	ay /	Shift	2 / L	ogz /	Abnor	mal 1.	. 2. 3	4.5.6	7.8.9	/10		8 /	2/					14										

[Download File]: Download the log file in TXT format, and the number behind file name represents device ID.

7.System Settings

Click the icon in the lower left corner of screen to access into menu > [System]

10

8 pin port:

Red	12V	12V
Black	GND	GND
Green	Lock COM	The common end of the lock signal
Orange	Lock NC	Normal closed end of the control signal
Blue	Lock NO	Normal opened end of the control lock signal
Yellow	Button	Exit button
Brown	D-Sensor	Door sensor
White	ALARM-	Output alarm signal

10 pin port:

6 pin port:

Red	12V	12V
Black	GND	GND
Green	Lock COM	The common end of the lock signal
Orange	Lock NC	Normal closed end of the control signal
Blue	Lock NO	Normal opened end of the control lock signal
Yellow	Button	Exit button
Brown	D-Sensor	Door sensor
Purple	Bell+	Door Bell +
Gray	Bell-	Door Bell-
White	ALARM-	Output alarm signal

Red	12V	12V
Black	GND	GND
Orange	WG_IN0	Wiegand input 0
Yellow	WG_IN1	Wiegand input 1
Green	WG_OUT0	Wiegand output 0
White	WG_OUT1	Wiegand output1

4 pin port:

TCP_TX+	
TCP_TX -	TCP/IP
TCP_RX+	Interface
TCP_RX-	

1、General Settings

ltem	Meaning					
Time	Set device time					
Time	Set the device's time zone, which is GMT+8					
Time	in China					
Language	Set device language					
Volume	Set the volume of speaker					
Result Time	Display time of user information after					
Result Time	punching					
Screen Idle	How long does it take to enter screen saver					
Screen Idle	when the main Interface is not operating					

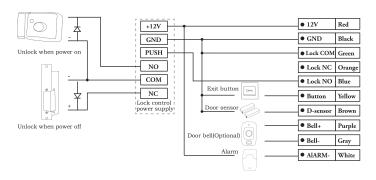
2. Advanced Settings

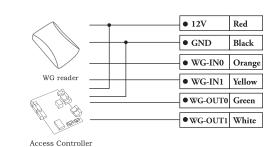
Item		Meaning							
Max Admin	Set the maximum number of device admin								
Card Type	Set the format of the machine to read the card No., optional 10D $_{\star}$ 8D $_{\star}$ 2H+4H								
Protect Excel	Set w	Set whether the downloaded sheet can be edited							
Delete all users	Delete all users (operate cautiously)								
Delete all logs	Delete all logs (operate cautiously)								
	No	Verify that the user is a live person instead of							
Prevent Photo	By Infra	photo. By Infra and Infra + Color have different verification levels about live person. The							
	Infra + Color	verification level of Infra + Color is higher than By Infra							
Testing		Check whether the camera is normal							
Default	Restore the system setting parameters of the device to the factory state without affecting personnel and records								
Firmware Upload	Insert U-disk for device firmware upgrade								

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2)Device connection diagram

(According to the number of port to select corresponding wiring diagram)





8.Communication

Click the icon 🔐 in the lower left corner of screen to access into menu > 【Comm】

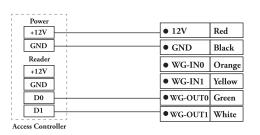
Item		Meaning					
Device	Set correspon	Set corresponding device No., the default device No. is 1, Please					
No.	note that the r	note that the number is related to the communication					
Port No	The default po	The default port No. is 5005, For communication connection					
PORT NO.	under LAN	under LAN					
	The default setting is 0, it means that there is no communication						
Net Pwd	password. If yo	ou want to change the password, you should also					
	set the same p	password in the software					
	1 (/ ABD	If you use Ethernet or Wifi communication,					
NAd-	Local (LAN)	please select mode to Local					
Mode	Internet(WA	If you use server communication, please select					
	N)	mode to Local, mainly used for cloud attendance					

When you select the mode to internet in 【Comm】, please do corresponding server settings on this page.

Item	Meaning	
Server Req	Select 'yes' to enable server communication	
Server	Enter the server IP address or server domain name	
Server Port	Enter the server communication port No.	

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Remark: When the power supply of the access controller is insufficient (The facial device may shut down automatically when face recognition happens). In this case, please wiring as below diagram:



10.T9 Input Method

Touch 'Alt' to switch capital/small letter or number, after finished, touch 'Ok' to

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.

< Name			
a			
	abc	def	
ghi	jkl	mno	
pqrs	tuv	wxyz	
		Delete	
•	Ok	•	
Alt	lacksquare	Esc	

15 16