

Bio-Link & Bio-Star

Operational Manual

Ver. 9.0



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NOTE:- Bio-Link machine works with only Bio-Link software.

1. Introduction

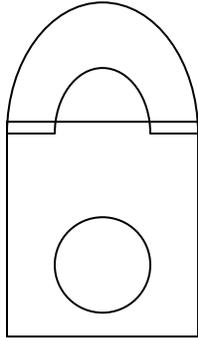
Star link finger print with smart card attendance system is highly technology based Attendance system. When you need to take attendance, you just show smart card from distance of max. 60mm in front of machine & display shows your card no. & also Give voice guided message accepted, if you are the right person, attendance will be stored in the machine, otherwise machine shows card unregistered & also give voice guided message access denied. Star link attendance system is a networking based attendance system with TCP/IP protocol smart card attendance has memory of mother board which is 1 GB & you can store unlimited recording in the system. You can store 1906 finger templates in the machine as well as in the computer.

2. Keys of bio-star 08



NOTE: For accessing data by card or finger machine should be in lock mode i.e.

Picture of closed lock should be on screen. Other wise machine will not show any punches.

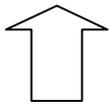


Description of key's on key pad

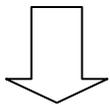
0 – 9 Numeric key's.

Select – for selecting any menu and SAVING data.

Next – for shifting or going to next instruction.

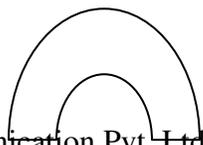


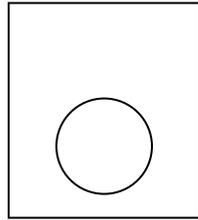
-- For scrolling menu in up direction.



-- For scrolling menu in down direction.

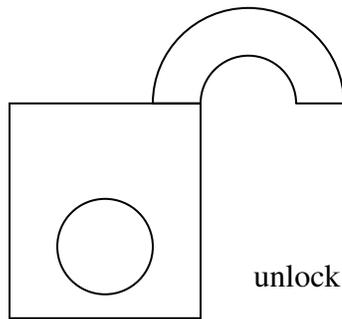
Esc – is escape key for coming out of menu





Fn – For Instant

Locking of machine In normal time mode when



machine in

unlock mode.

Types of Password:--

1. Keypad unlock Access code
2. Menu access code
3. Security Access code for some special function in menu.

How to select menu:--

Press Select Key

If machine is locked it will ask for unlock code, Enter 4 digit unlock code

Again press Select key

If menu is locked Enter Menu Access Code, Enter 4 digit unlock code

Menu will be shown

3. Admin

3.1 System OPT

3.2 Options

3.3 User Manage

3.1 System options.

3.1.1 Date Time.

3.1.2 Sys. Security opt.

3.1.3 Adv. opts.

3.1.1. Date Time – For setting date time

Steps to set date time:--

Step1:-- Enter time in a sequence of hour, minute & seconds

TIME

HMMMSS -- 091033

Press SELECT key for storing Time

select 24/12 hour mode and seconds ON/OFF option by SELECT key

And press NEXT

Step2:-- Enter date in a sequence of day, month and year

DATE

DDMMYY – 141108

Press SELECT key for storing Time

3.1.2 Sys Security Opt—For setting different password

Set Key Unlock

Access Code 1234

Step 2: Press SELECT key for storing Password

Set new

Access Code 2222

Step2: SELECT key for storing Password

Set security

Access Code 3333

Step 2: Press SELECT key for storing Password

3.1.3 Adv. Option has Rest Options

Adv. Option:--

System Reset
Reset Variable
Delete Masking
Delete Data

System Reset: - You can reset the whole system through this option.
If press **SELECT** system will reset & all data will be deleted.

Reset Variable: - If press **SELECT** variable of machine will be deleted.

Delete Masking: - If press **SELECT** masking of machine will be deleted.

Delete Data: - If press **SELECT** punching data from machine will be deleted.

Step: select the option by **Arrow Key** and Press **SELECT** key.

3.2 **Options:** - Has different settings for
Press **SELECT** key DISPLAY will show

3.2.1 **Voice Tone** – will give voice guided message on punching.

Buzzer Tone – will give buzzer sound at the time of punching.

Select the option **Voice Tone / Buzzer Tone** by Arrow Key and press **SELECT** Key

3.2.2 **Display will show:** - **Key Tone ON**
Key Tone OFF

Select the option Key Tone **ON/OFF** by arrow key and press **SELECT** key.

Display will show: - **Low Volume**
Med Volume
High Volume

Select this option by arrow key and press **SELECT** key.

Display will show: -

3.2.3 **LCD Power Save**
LCD ON

This feature is used to save the power of the machine. Select the option LCD Power Save by arrow key and press **SELECT** key machine will save power.

Display will show: -

LCD on Time – min02

You can change the LCD off time duration in Minute. If you set 2 min. its mean Light of LCD display will be off after duration of 2 minutes.

If you select LCD ON by arrow key and press **SELECT** key. It's mean the machine will not save power. Light of LCD display will always be on.

3.2.4 **Select TCP/IP connectivity or serial.**

TCP/IP Link
Serial Link

Move the **Arrow Key** to the chosen option and press **SELECT** key, the selected option will be **highlighted**. If we select Serial Link by Arrow Key and press SELECT key LCD will show.

BD Rate 115200

We can change the value of Baud Rate by arrow key and press SELECT key for storing Baud Rate value.

3.2.5 Select Door Mode for Access Control

Door Lock On
Door Lock Off

Move the arrow key to the chosen option and press SELECT key, the selected option will be highlighted.

If Door Mode on Then select open Time (door open time the time taken by the system to close the door).

Door Open Time

Is in Sec: 3+02

Press SELECT key for storing or NEXT for not storing.

3.2.6 Backup Period

In Month – 0

0 – If Zero Automatic deletion of data will remain off.

1 – If one it will keep the data of current month and rest of data will be deleted automatically.

2 – Recommended minimum not less than 2.

3.2.7 For changing IN / OUT mode of machine by showing card assign a card number of machine hears.

Enroll IN/OUT ID

Show card or Enter ID

3.2.8 Enter Machine Number: 10

We can set the machine number on LCD display.

By pressing NEXT and select key LCD will show.

3.2.9 ALL DATA AGAIN

ENTER IP ADDRESS

192.168.000.070

We can set the IP ADDRESS on LCD display

ENTER NETMASK ADDRESS

255.255.255.000

We can set the NETMASK ADDRESS on LCD display;

ENTER GATWAY ADDRESS

192.168.000.001

We can set the GATWAY ADDRESS on LCD display.

Restart m/c

Press SELECT key for restart machine

3.3 User Manage (Option is for enrolment)

3.3.1 Enroll User

3.3.2 Delete User

Press SELECT key for enrolling LCD will show.

Enroll Option's

Only Finger -> 1
Card with PW -> 2
Only Card -> 3
Pin With Card -> 4
Only Pin -> 5

SELECT - - - > _

Enter the option number in which you want to enroll an employ and press SELECT and do as guide by M/C by pressing SELECT key. If NEXT or ESC key is pressed the entries will not be stored.

Only Finger -> 1

If you ENTER 1 LCD will show

ID 0001 -

Enter 8 digits ID number you want to enroll finger with respect to that ID

ID 0001 - 11111111

Press SELECT key LCD will show

ID 0001 - 11111111

PUT FINGER !!!

Now put the finger on the sensor and remove it LCD will show

ID 0001 - 11111111

SCAN SUCCESS

Now again put the finger on sensor, LCD will show

ID 0001 - 11111111

SCAN SUCCESS

When process is complete, LCD will show

ID 0001 - 11111111

SUCCESS

Image Quality: 94

ID 0001 – 11111111

DATA SAVED

Card with PW -> 2

If you ENTER 2 LCD will show

0001ID

Show card or Enter ID

Now show the smart card from a distance of max. 60mm in front of machine

LCD will show

ID0006970302

ID 0001 –

Now enter 8 digit ID number

ID0006970302

ID 0001 – 22222222

Press SELECT key LCD will show

ID0006970302

ID 0001 – 22222222

PASSWORD :

Now enter 4 digits Password

ID0006970302

ID 0001 – 22222222

PASSWORD :XXXX(2908)

RE – ENTER :XXXX(2908)

When process is complete, LCD will show

ID0006970302

ID 0001 – 22222222

PASSWORD :XXXX

DATA SAVED

Only Card -> 3

If you enter 3 LCD will show

0001ID

Show Card or Enter ID

Now show the smart card from a distance of max. 60mm in front of machine

LCD will show

ID 0010344006

ID 0001 –

Now enter 8 digit ID number

ID 0010344006

ID 0001 – 33333333

When process is complete ,LCD will show

ID 0010344006

ID 0001 – 33333333

DATA SAVED

Pin With Card -> 4

If you enter 4 LCD will show

ID 0001 -

Now enter 4 digit's ID number

ID 0001 - 1234

Press SELECT key LCD will show

ID 0001 – 1234

PASSWORD :

Now enter 4 digits Password

ID 0001 – 1234

PASSWORD :XXXX(2222)

RE – ENTER :XXXX(2222)

When process is complete, LCD will show

ID 0001 – 1234

PASSWORD :XXXX(2222)

DATA SAVED

Only Pin -> 5

If you enter 5 LCD will show

ID 0001 –

Now enter 4 digit's ID number

ID 0001 – 5678

Press SELECT key LCD will show

ID 0001 – 5678

DATA SAVED

3.3.2 Delete User

Select the option Delete User by arrow key and press SELECT key the LCD will show.

Delete Option's

Card Wise

Sr. Num Wise

Press SELECT key LCD will show

Card Wise

Card ID –

Enter the card ID and press key SELECT to delete card

Select the option Sr. Num Wise by arrow key and press SELECT key the LCD will show.

Card NO : 1111111

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TO DEL Press SEL

Press key SELECT to delete Sr. Num Wise

SUCCESS

USER DELETED

Now LCD will show the next sr. no. if you want to delete press SELECT key.