

BioSense III

WEB Configuration Manual

Applied to:

1.00.03, Apr 16 2014(HW1.2)

BioSense-III-COMBO Web Ver1.0

Build Date 04/03/2014

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— WEB Configuration —

◆ WEB Logon

BioSense III contains a HTTP server, thus BioSense III can link and connect through Web Browser, and then conduct setting.

◆ Preparation

Before conducting BioSense III setting, make sure the following :

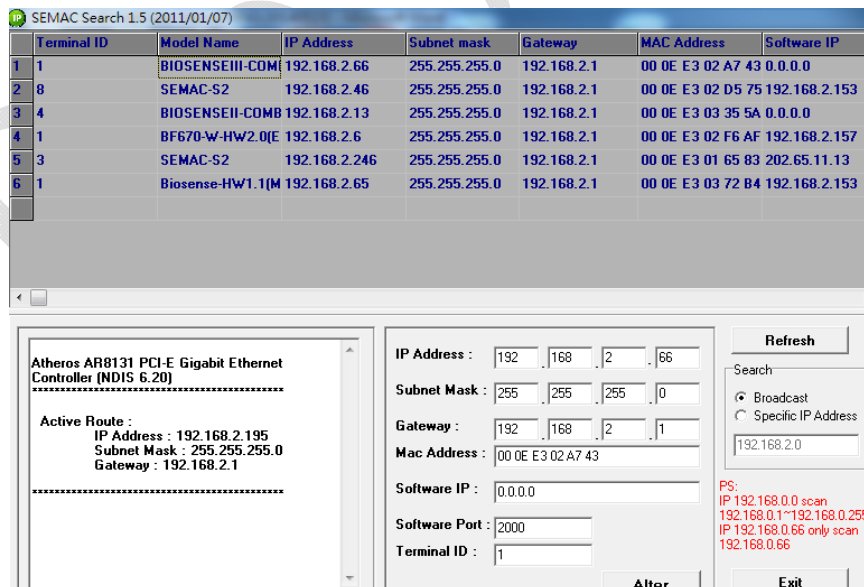
- PC has connected to BioSense III, and PC and BioSense III are situated in the same WAN with power supplied.
- If the default IP address (192.168.0.66) is occupied by else device, then it is a must to shut down that device first till the setting is over, and then allocate new IP address to BioSense III.

◆ How to search BioSense III

- 1、After installation of BioSense III and network cable is completed, use BioSense III 's SEMAC Search to search all BioSense III in a certain LAN, or download SEMAC Search utility from CHIYU homepage www.chiyu-t.com.tw. Desktop icon as below:



- 2、Click SEMACSearch utility icon, will display a window, as shown:



Terminal ID	Model Name	IP Address	Subnet mask	Gateway	MAC Address	Software IP
1	BIOSENSEIII-COM	192.168.2.66	255.255.255.0	192.168.2.1	00 0E E3 02 A7 43	0.0.0.0
2	SEMAC-S2	192.168.2.46	255.255.255.0	192.168.2.1	00 0E E3 02 D5 75	192.168.2.153
3	BIOSENSEII-COMB	192.168.2.13	255.255.255.0	192.168.2.1	00 0E E3 03 35 5A	0.0.0.0
4	BF670-W-HW2.0(E	192.168.2.6	255.255.255.0	192.168.2.1	00 0E E3 02 F6 AF	192.168.2.157
5	SEMAC-S2	192.168.2.246	255.255.255.0	192.168.2.1	00 0E E3 01 65 83	202.65.11.13
6	Biosense-HW1.1(M	192.168.2.65	255.255.255.0	192.168.2.1	00 0E E3 03 72 B4	192.168.2.153

Atheros AR8131 PCI-E Gigabit Ethernet Controller (NDIS 6.20)

Active Route :
IP Address : 192.168.2.195
Subnet Mask : 255.255.255.0
Gateway : 192.168.2.1

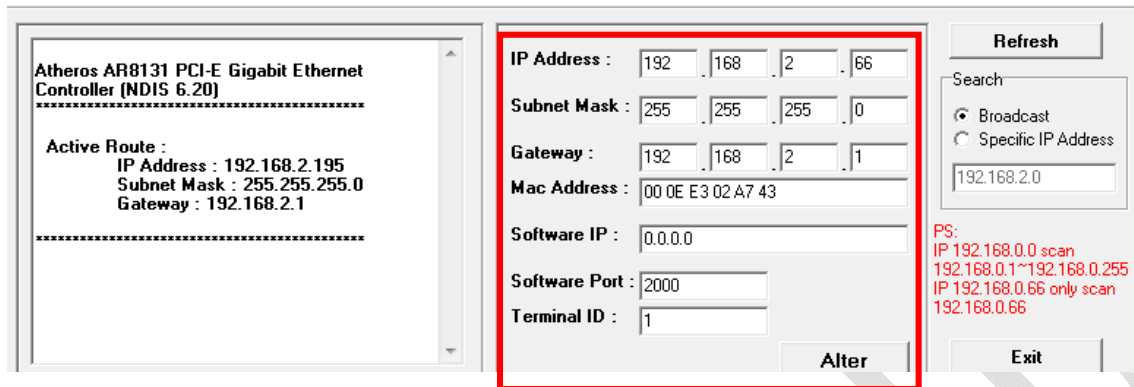
IP Address : 192 . 168 . 2 . 66
Subnet Mask : 255 . 255 . 255 . 0
Gateway : 192 . 168 . 2 . 1
Mac Address : 00 0E E3 02 A7 43
Software IP : 0.0.0.0
Software Port : 2000
Terminal ID : 1

Refresh
Search
 Broadcast
 Specific IP Address
192.168.2.0

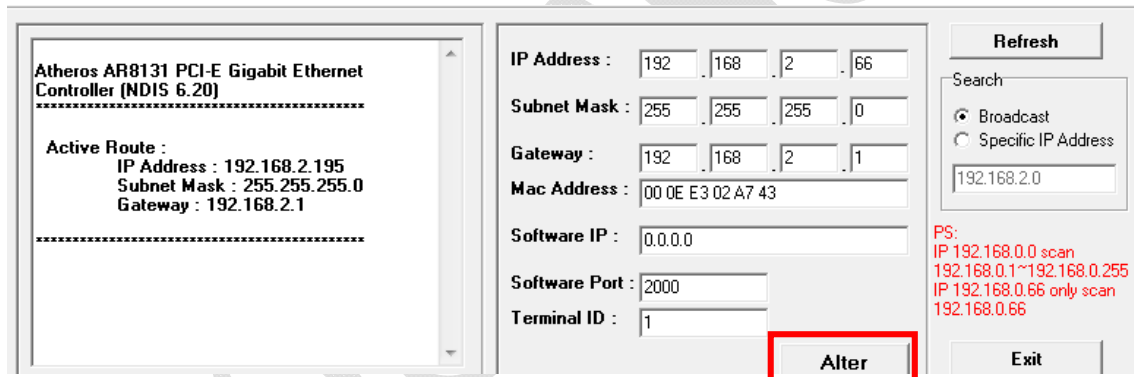
PS:
IP 192.168.0.0 scan
192.168.0.1~192.168.0.255
IP 192.168.0.66 only scan
192.168.0.66

Alter Exit

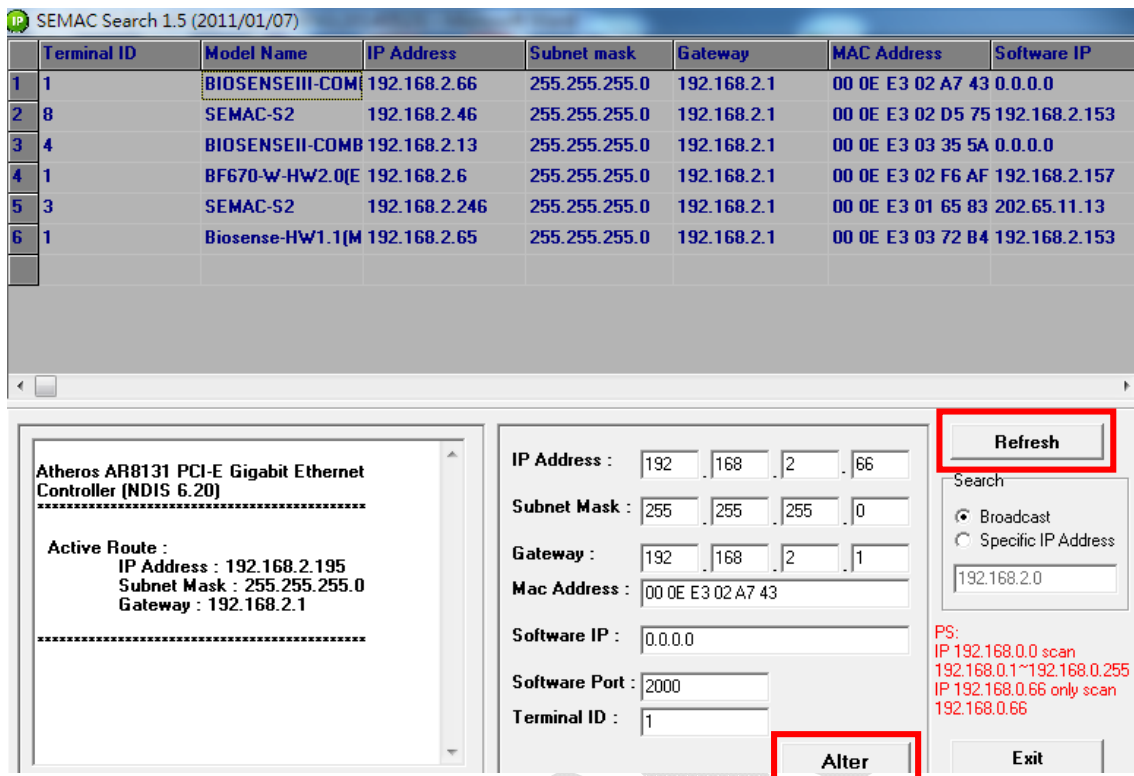
3、While the SEMACSearch utility window shows up, it will display all BioSense III in LAN, and show its Terminal ID, Model Name, IP Address, Subnet Mark, Gateway, Mac Address, Software IP. Select particular BioSense III, then its related information will appear below the window, as shown:



4、The showed information of BioSense III can be revised directly in the window, the part can be modified: IP Address, Subnet Mask, Gateway, Software IP, Software Port, Terminal ID. After modification completed (MAC Address can not modify),click **Alter** then it will display the modified information, as shown:



5、After modification, if want to confirm whether the modification is correct or not, click Refresh button to refresh and check information, click Exit button to leave.



6、After modification, the IP address of BioSense III has matched with its WAN, if want to get access into the Web of BioSense III, has two methods:

- (1) Run SEMACSearch utility, select and double click particular BioSense III, then to enter its web server.
- (2) While the internet explorer opened, input BioSense III IP address to enter its webpage

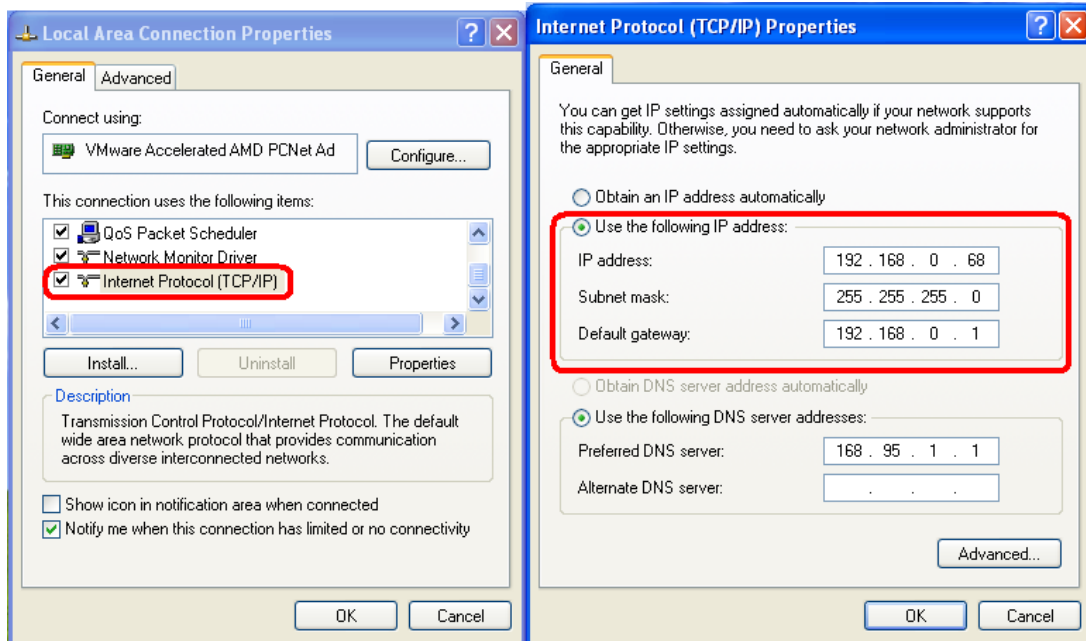
WINDOWS XP :

《Step 1》

Click WINDOWS XP my computer  , Open Control Panel  Control Panel on the left side, please turn to traditional overview and select network link

《Step 2》

Click LAN, then select content, the link configuration will be shown, click Internet Protocol (TCP/IP) as left figure, then input the same setting as BioSense III, as right Example figure :



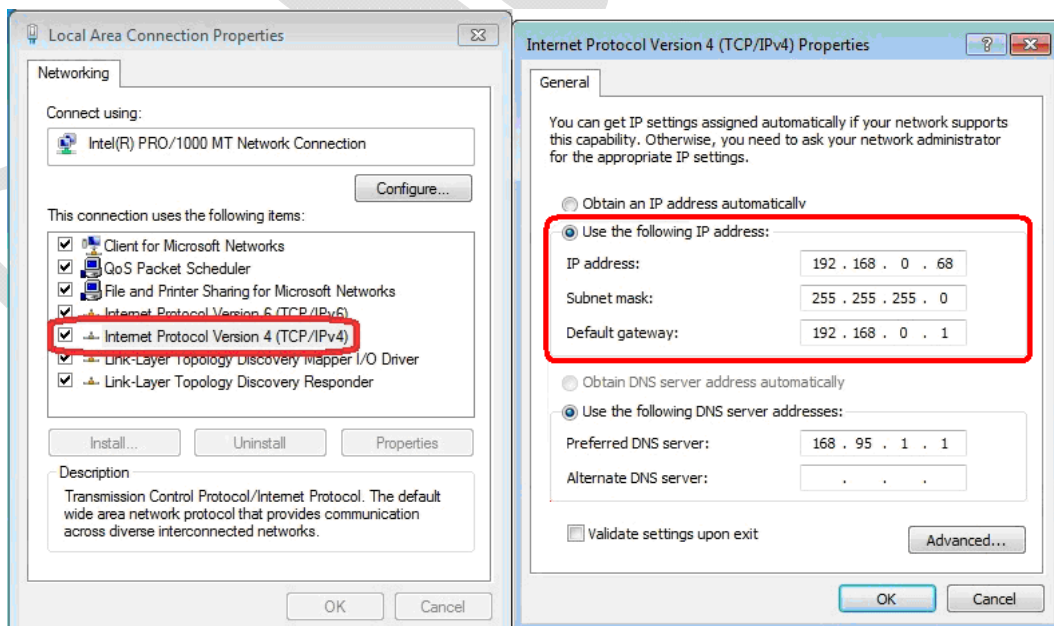
WINDOWS 7 :

《Step 1》

Click Windows 7 icon,  select  Control Panel , open and search for,  Network and Sharing Center click Alter Interface Card on the upper-left side.

《Step 2》

Click LAN link, select content, then the LAN settings will be shown, click Internet Protocol(TCP/IPv4), as left figure, click and input same setting as BioSense III, as right figure.

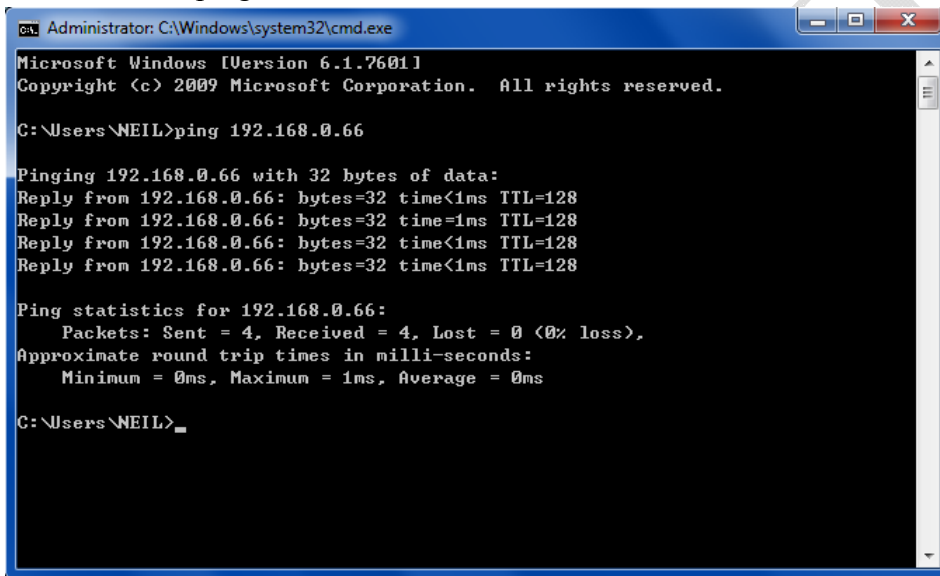


◆ How to login to BioSense III Web via web Browser

1、Start Web browser (eg: WIN 7 IE), input BioSense III 's IP Address, for example: use the default BioSense III IP Address: <http://192.168.0.66>

2、If connection failed, double check:

- If BioSense III installed and its power supplied properly
- To examine the LAN connection, operate PC function with “Start →Run→input “cmd” instructoin to open MS-DOS commend mode, then test BioSense III connection, input command: ping 192.168.0.66, as shown below:



```
ca. Administrator: C:\Windows\system32\cmd.exe
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\NEIL>ping 192.168.0.66

Pinging 192.168.0.66 with 32 bytes of data:
Reply from 192.168.0.66: bytes=32 time<1ms TTL=128
Reply from 192.168.0.66: bytes=32 time=1ms TTL=128
Reply from 192.168.0.66: bytes=32 time<1ms TTL=128
Reply from 192.168.0.66: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.0.66:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\Users\NEIL>
```

- If no message responded, it explains the connection has trouble or PC's IP address is not match with BioSense III 's IP address
- Set the PC's IP address with BioSense III 's IP address with same segment, if the PC uses fixed IP address, the address must be ranged in: 192.168.0.1 ~ 192.168.0.65 or 192.168.0.67 ~ 192.168.0.254 , thus it can be compatible with BioSense III 's default IP address: 192.168.0.66, the “ Subnet Mask's setting must be: 255.255.255.0


- 3 · If the connection with BioSense III is successful, then it will display a message window for User name and Password, the default for user name and Password is: [admin/admin](#), as shown below:



- 4 · While the user name and password entered, a Web setting interface of BioSense III will be showed, enter it will then display a “ Quick Setup “ page.

➤ Main Windows (Terminal Status)

When installation has completed and connected with BioSense III, a “Main window” as below :

MAIN FUNCTIONS		TERMINAL STATUS	
Auto-refresh Log		Product Name :	Biosense-III-COMBO(EM)(20000)
Access Log		Serial No. :	02a743(153122)
First In Last Out		Firmware Version :	1.00.03, Apr 16 2014(HW1.2)
Users		System Time :	05/23/2014 05:01:45
Remote Control		Terminal ID(MAC Address) :	1(00:0e:e3:02:a7:43)
Terminal Status		IP Address :	192.168.2.66
ADVANCED		Subnet mask :	255.255.255.0
Terminal Settings		Default Gateway :	192.168.2.1
Terminal Setup		Primary DNS :	168.95.1.1
Password Setup		Listen Port/Software IP(status) :	2000 / 0.0.0.0 (Offline)
Clock Setup		Web Management Port :	80
Access Control		Registered User Number :	1
Time Sets		Available User Capacity :	19999
Time Zones			
Group List			
Holiday Setup		Primary DNS :	168.95.1.1
Door Setup		Listen Port/Software IP(status) :	2000 / 0.0.0.0 (Offline)
Event Handle		Web Management Port :	80
IP Cameras		Registered User Number :	1
Maintenance		Available User Capacity :	19999
System Log		Registered FP Number :	0
Fingerprint Sync		Available FP number :	9590
Multi Badge Group		Access/System Log Count :	18/4
Func. Key Setup		WG Type :	Controller(WG34)
Fkey Auto Trigger		Anti-Pass-Back(Tolerance Timer) :	Disabled(0)
Set Ring Time		Next Biosense-III-COMBO(Status) :	0.0.0.0(Offline)
Backup			
Restore			
Reboot			
Upgrade Firmware			
Format Data			
<div style="text-align: right; margin-right: 20px;"> <input type="button" value="Refresh"/> </div> Biosense-III-COMBO Web Ver1.0 Build Date 04/03/2014			

◆ Illustration of Terminal Status

Browse the Function Menu Bar at the left side of the Main Window by IE Browser

► User Administration	
Auto Refresh Log	Instant Access to records display
Access Log	1. Look up all access logs 2. Extract Access log and Event record reports with TXT and Excel format
First In Last Out	
Users	1. Display all user's information 2. Modify "User List", "Delete", "Inactivate" and "Activate" user data
Remote Control	1. Display Door Status 2. Display Fire Alarm detection status 3. Remote Control door pulse open, pulse close, force open and force close. 4. Dismissed Event Alert 5. Activate or Inactivate Fire Alarm detection function
Terminal Status	Display Terminal Status: Terminal ID, Model name, Firmware version...etc (Main Windows)
ADVANCED ▼	
► Terminal Settings	
Terminal Setup	1. Setup terminal principles like Terminal ID, Control Mode, Language display..etc (Terminal Setup" screen) 2. Terminal will be reboot after Terminal Setup has save
Password Setup	1. Setup Administrator / User/ Sub-User web logon ID and Password. 2. Setup Common Password 3. Terminal will be reboot after password has reset
Clock Setup	1. Setup Network Time Server and Time Zone 2. Setup System Time
► Access Control	
Time Sets	Setup Time Set , up to 255 sets configurable
Time Zones	Setup Time Zone. Each Time Zone could define from Monday to Sunday and Holiday. Up to 120 Time sets configurable
Group List	Setup Group information. Up to 255 groups configurable
Holiday Setup	Setup Holiday information. Up to 100 holidays configurable
Door Setup	Setup Door access policies like: Exit button time zone, Lock Release time zone, Anti Pass Back.
Event Handle	1. Setup Event handle types, latch times...etc 2. Setup Event Alert Email address

IP Camera	<ol style="list-style-type: none"> 1. Setup IP Camera IP address, types, ID and Password 2. Display captured image from IP Camera (latest picture)
► Maintenance	
System Log	<ol style="list-style-type: none"> 1. Switch to the “System Log“ 2. Extract System logs to be Text or Excel format
Fingerprint Synchronization	Setup a fingerprint synchronization method to be automatically or manually
Multiple Badge	Setup Multiple Badge combination. Up to 10 sets configurable, 2~3 legal users include to each combination
Function Key Setup	Setup Function Key, Numeric Key, Key definition, up to 400 sets configurable
Function Key Auto Trigger	Setup Function Key, Numeric Key, In/Out Time, up to 400 sets configurable
Ring Time Setup	<ol style="list-style-type: none"> 1. Setup Ring Time time set 2. Setup Ring tone lasting time 30 sets of Ring time can be configurable each day
Backup	Backup User list and Terminal information (User list is in TXT format only)
Restore	Backup User list and Terminal information (User list is in TXT format only)
Reboot	System reboot
Upgrade Firmware	Firmware Upgrade
Format Data	<ol style="list-style-type: none"> 1. Delete all data 2. System set to “Factory Default“
► Button	
Refresh	Refresh the WEB Status.

➤ User Administration

◆ Auto Refresh Log

Select “Auto Refresh Log” on the Main Window, there’ll be “Auto Refresh Log” screen as the following picture:

Auto Refresh Log

Fri May 23 2014 15:34:20 UTC+0800

No.	User ID	User Name	Date	Time	IN/OUT	Function keys	Door	Note.
1	1245	Kathy 1245	05/22/2014	07:53:45	IN	NONE	1	C

◆ Illustration of Auto Refresh Log

▶ Auto Refresh Log	
No.	Serial Number.
User ID	Instant Display Access records User ID.
User Name	Instant Display Access records User Name.
Date	Instant Display Access records user enter/out date.
Time	Instant Display Access records user enter/out Time.
IN/OUT	Instant Display Access records user IN/OUT Log
Function Keys	Instant Display Function Key Used
Door	Instant Display Door
Note.	Show up the relative IN/OUT records automatically as Anti-Duress, Fire Alarm.....etc.

◆ Access Log

Select “Access Log” on the Main Window, you’ll see the “Access Log” screen as following picture:

Access Log

No.	User ID	User Name	Date	Time	IN/OUT	Function keys	Door	Note.
1 .	1245(N)	Kathy 1245	05/22/2014	07:53:45	IN(0)	NONE	1	C
2 .	1245(N)	Kathy 1245	05/22/2014	07:53:43	IN(0)	NONE	1	C
3 .	1245(N)	Kathy 1245	05/22/2014	07:53:42	IN(0)	NONE	1	C
4 .	1245(N)	Kathy 1245	05/22/2014	07:53:41	IN(0)	NONE	1	C
5 .	----	----	05/22/2014	07:52:58	IN	NONE	1	C UNREG (117826917)
6 .	----	----	05/22/2014	07:52:57	IN	NONE	1	C UNREG (117826917)
7 .	----	----	05/22/2014	07:52:56	IN	NONE	1	C UNREG (117826917)
8 .	----	----	05/22/2014	07:52:52	IN	NONE	1	C UNREG (117826917)
9 .	----	----	05/22/2014	07:52:51	IN	NONE	1	C UNREG (117826917)
10 .	----	----	05/22/2014	07:52:49	IN	NONE	1	C UNREG (117826917)
11 .	----	----	05/22/2014	07:51:53	IN	NONE	1	C UNREG (117826917)

Query and Export

Category

- user
 event

Selection

- all
 Single

Time range

Start Date

2014/05/23

End Date

2014/05/23

Export

- Txt Xls

Search

◆ Illustration of Access Log

▶ Access Records Illustration by Columns	
No.	Serial Number of Access Logs
User ID	User ID will be showed for the user who has access the door. By clicking “User ID” will direct current screen to “User Record ”page to “Modify User Record” (picture 4). Should it be not connected, it means the information of the User ID has been deleted. * The figure in the parentheses() after the “User ID” means the user’s level as 1~10.
User Name	A Name registered for the User to get IN/OUT. When the registered information without “Name”, this column will be blank.
Date	A Date allowed for the User to get IN/OUT.
Time	A Time allowed for the User to get IN/OUT.
IN/OUT	IN: Access by WEBPASS OUT: Access by Wiegand Reader ※ APB level will be shown followed the IN/OU
Function Keys	Display Function Keys are used (eg: F1) or None
Door No.	It stands for the Door Number Controlled By BioSense III
Note	Shows up the relative IN/OUT bypass method and records automatically also may display Anti-Duress, Fire Alarm.....etc.
The First Page	Back to the 1st IN/OUT records page.
The Former 10 Pages	Forwarding 10 pages from the current IN/OUT records page.
1 2 3...N Page	Change to any IN/OUT records page assigned.
The Latter 10 Pages	Backwards 10 pages from the current IN/OUT records page.
The Last Page	Fly to the last IN/OUT records page directly.
▶ Query and Export	
Category	1. User : Check the user, can search the user records, and export the file out 2. Event : Check the Event, can search the Event records, and export the file out
Selection	1. All : Query/Export all of the Access record or record of events 2. Single : Query/Export a single user's access to records or 5 records of the event within an event
Time Range	Select the Start and End date by date menu
▶ Button	
Search	Set the Search Requirement Click button to Search access records to demonstrate Requirement.
Export	Set the Export Requirement Click button to Export requirement TEXT or Excel file.

◆ First In Last Out

Select First In Last Out function from menu can view User's ID/Name/Access Date and First In Time and Last Out Time for access or attendance calculation.

First In Last Out records can be export to be an report by selection All or Single person(s), and the Time Range. Report version can be Text (txt), or Excel (Xls).

First IN/Last OUT

No.	User ID	Employee ID/Name	Date	First IN	Last OUT
1	1245	1245, Kathy 1245	05/23/2014	--:--:--	--:--:--
Total 1 User(s)			<< End of List... >>		

Export

Selection

- All
 Single

Time range

Start Date

End Date

Txt
 Xls

◆ Users

Select "Users" function from the menu to view user list, activate, deactivated, delete add new users thru the screen.

User List

Search
 By User ID
 By Card No.
 By Employee ID
 By User Name

No.	User ID	Employee ID	User Name	User Type	Active	F	P	C	Bypass Level
<input type="checkbox"/> 1.	1245	1245	Kathy 1245	Normal	●	●	●	●	1

Total 1 User(s)

<< End of List... >>

Activate, Deactivate or Delete SELECTED Employee

◆ Illustration of User List

► Search (User_	
By “User ID”	Select “User ID” and enter “User ID” in the textbox to search.
By “Card No.”	Select “Card No.” and enter “Card No.” in the textbox to search.
By “Employee ID”	Select “Employee ID” and enter “Employee ID” in the textbox to search
By “User Name”	Select “User Name.” and enter “User Name” in the textbox to search.
Click ”Search”	Start to search.
Steps :	
1、Enter “User ID”, “Card No.” or “User Name” in the textbox	
2、Click “Search” button to search	
► User List	
No.	Serial Number. Tick the box before the “Serial Number” and Click the button of “Activate” , “Deactivate” or “Delete” to manage the authorization of “Activate” , “Deactivate” or “Delete” for selected users, multi-selection is allowed.
User ID	Display User’s ID. By clicking“User ID” to connect to “Modify User Record” page for modification
Employee ID	Display Employee ID
User Name	Display User Name
User Type	Types of the system users. Whenever the “User Type” is set up in the screen of “Modify User Record”, this page will display Normal User (N), Super User(S), Visitor(V), Guard Touring(G)
Active	Display user’s authorization status. Green light displays user’s authority is activated, Grey light means user authority is inactivated
F	When the user’s Fingerprint registered, this column will be with Green Light.
P	When the user’s Personal Password registered, this column will be with Green Light.
C	When the user’s card registered, this column will be with Green Light.
Bypass Level	Display the user’s Bypass time zone level from L1~L10.
The First Page	Back to the 1st page of “User List”.
The Former10 pages	Forwarding 10 pages from the current “User List” page.
1 2 3...N page	Change to any “User List” page assigned.
The Latter 10 pages	Backwards 10 pages from the current “User List” page.

The Last Page	Fly to the last “User List” page directly.
► Button	
Activate	Activate the User’s authorization.
Deactivate	Deactivate the User’s authorization.
Delete	Delete the User’s information registered.
Add +	To add new user to system

To modify User data, click the User ID from the list:

User List

Search
 By User ID
 By Card No.
 By Employee ID
 By User Name

No.	User ID	Employee ID	User Name	User Type	Active	F	P	C	Bypass Level
<input type="checkbox"/> 1.	1245	1245	Kathy 1245	Normal	●	●	●	●	1

Total 1 User(s) << End of List... >>

Activate, Deactivate or Delete SELECTED Employee

User Record - Modify User Record

User ID :
 Card No. :
 Employee ID : (Max 10 chars.)
 User Name : (Max 31 chars.)
 Expire Date Check : Disable Enable
 From (M) (D) (H) (M)
 To (M) (D) (H) (M)
 Status : Activate Deactivate
 User Type :
 Group :
 Bypass TZ Level :
 Personal Password : (4 ~ 8 digits.)
 Personal Confirm :
 Number of Finger : 1

◆ Illustration of Modify User Record

► User Record	
User ID	User ID number can be create within 1~4294967295 or User ID couldn't be save if ID is exceeding the number
Card No	Input Card number by manually input or read by card decoder
Employee ID	Input Employee ID within 10 English characters or 3 words for Chinese
User Name	User's Name, 10 characters at the most
Expire Date Check	Tick the box of "Enable" or "Disable" the user's expiry date control.
Effective From ~ To	When "Enable" the "Expire Date Check", you must enter the period of dates. The "Drop Down Menu" offers you the options of Year/Month/Date/Hour/Minute.
Status	Tick the box of "Activate" or "Deactivate" for user's authority
User Type	Card Types of the User. The "Drop Down Menu" will list all cards for Normal User/ Super User/ Visitor/ Guard Touring . The Respective definitions are as below : Normal User: General authority only Super User Card : Not constrained by APB (Anti Pass Back) policy Visitor Card: You may manage the visitors easily by setting the Visitor Card's Expiry Dates. Guard Touring: When the Guard Touring card senses the door, only the Logs will be kept but no door-open function.
Group	Each user can be assigned to 4 different groups. All the group names existed will be automatically listed out by the "Drop Down Menu "for your choice. "Free Time Group "is a "Default Group".
Bypass TZ Level	1. User's bypass time zone level is equal to Door setup's bypass time zone: User access door by the card 2. User's bypass time zone level is higher than door setup's bypass time zone: User access door by the card 3. User's bypass time zone is lower than door setup's bypass time zone: User should follow Door Setup bypass time zone access policy to access the door.
Personal Password	4~8 digits password combination is required. For command mode: User may use #UID#P# to input personal password
Personal Confirm	Reconfirm Personal Password
Number of Finger	Display how many fingerprint the user has registered to system
► Button	
Previous	Modify previous user record.
Save	Save the modified user record.
Delete	Delete existing user record.
Next	Modify next user record.

◆ Add User

Click “Add User” button from the User Screen to add user to system:

User Record - Add New User

REG : Single Continuous Amount :

User ID :

Card No. :

Employee ID : (Max 10 chars.)

User Name : (Max 31 chars.)

Expire Date Check : Disable Enable

From (M) (D) (H) (M)

To (M) (D) (H) (M)

Status : Activate Deactivate

User Type :

Group :

Bypass TZ Level :

Personal Password : (4 ~ 8 digits.)

Personal Confirm :

Number of Finger : 0

Save

◆ Illustration of Add User

▶ User Record	
REG	1 ∙ Single: Only one user can be registered each time. 2 ∙ Continuous: It allows you to register 1~20000 users in a time by input user account quantity in the text box and only a chain serial numbers is supported
User ID	User ID can be within 1~4294967295 or User ID couldn't be save when the ID is exceeding 4294967295
Card No	Manually input card number or by read by card decoder
Employee No	Input employee number, 10 English characters is acceptable or 3 words in Chinese only
User Name	User's Name, max. 31 characters allowed.
Expire Date Check	Tick the box of "Enable" or "Disable" the user's expiry date control.
Effective From ~ TO	When "Enable" the "Expire Date Check", you must enter the period of dates. The "Drop Down Menu" offers you the options of Year/Month/Date/Hour/Minute.
Status	Tick the box of "Activate" or "Deactivate" for a authorization to the user.
User Type	Card Types of the User. The "Drop Down Menu" will list out cards for Normal User, Super User, Visitor, Guard Touring . The Respective definitions are as below : Normal User : General access authority Super User Card : Not constrained by the limitation of APB (Anti Pass Back). Visitor Card : You may manage the visitors easily by setting the Visitor Card's Expiry Dates. Guard Touring : When the Guard Touring card senses the door, only the Logs will be kept but no door-open function.
Group	Each user can be assigned to 4 different groups. All the group names existed will be automatically listed out by the "Drop Down Menu "for your choice. "Free Time Group "is a "Default Group"
Bypass TZ Level	There are L1~L9 bypass time zones provide. Tips: When User's bypass time zone level is equal to door setup bypass time zone 1: User may access door by the card. 2. User's bypass time zone level is higher than door setup's bypass time zone: User may access door by the card 3. User's bypass time zone level is lower than door setup's bypass time zone: User's may access door by door setup's bypass time zone authority.
Personal Password	4~8 digits combination is required. For commend mode, user may registry password by pressing #UID#P#
Personal Confirm	Reconfirm Personal Password
Number of Finger	Display how many fingerprint of the use have registered to system
▶ Button	
Save	Save User Records.

◆ Remote Control

Select Remote Control function from menu to set and view remote control status for the system.

Door Status Monitoring

Door State	●
BF50 Status	X
Fire Alarm Detection	off
Defense State	off

● No Response ● close ● open
● Circuit Short, Circuit Open, Intrude, Open too long

Security Bypass

State Normal

Back To Normal Pulse Open Door Force Open Force Close

Fire Alarm Detection ON Fire Alarm Detection OFF

Alarm OFF

◆ Illustration of Door Status Monitoring & Security Bypass

► Door Status Monitoring	
Door Status	<p>Displaying update door status.</p> <p>Grey: BioSense III device has no response.</p> <p>Green: BioSense III is connected and the door is closed normally.</p> <p>Yellow: BioSense III door is opened.</p> <p>Red: Door sensor circuit short/open/intruded/or door open too long status</p>
BF-50 Status	Displaying BF-50 update status. x means no equipped with BF-50
Fire Alarm Detection	Display if the “Fire Alarm Detection ”enabled or not.
Defense State	Display if Defense (security system) enabled or not
► Security Bypass	
Status	There are three “Security Bypass Status” for the door: Normal/Force Open/Force Close .
Back to Normal	Click Back to Normal button to recover door status to be normal
Pulse Open Door	Click Pulse Open Door button to open the door remotely. The function only works when the Security Bypass status is Normal.
Force Open	Click Force Open button to make a force open to the door remotely. Hence the state of the door will display “Force Open “and the door will stay at “Lock Release” status until pressing Back to Normal key.
Force Close	<p>Click Force Close button to make a force close to the door remotely. Hence the status of the door will display Force Close and the door will not be opened by any valid cards.</p> <p>※Force Close function can only be dismissed by pressing Back to Normal key.</p>
Fire Alarm Detection ON	Click the button to activate the “Fire Alarm Detection” function and the door status will be display as “ON”.
Fire Alarm Detection OFF	Click the button to deactivate the “Fire Alarm Detection” function and the door status will display as “off”.
Alarm OFF	Click Alarm off button to dismissed the alarm

◆ Terminal Status

Select "Terminal Status" on the Main Window, you'll see the "Terminal Status" screen for Logon. It will display current Terminal Status and relative information of WEB setup as following picture:

TERMINAL STATUS

Product Name :	Biosense-III-COMBO(EM)(20000)
Serial No. :	02a743(153122)
Firmware Version :	1.00.03, Apr 16 2014(HW1.2)
System Time :	05/23/2014 09:28:51
Terminal ID(MAC Address) :	1(00:0e:e3:02:a7:43)
IP Address :	192.168.2.66
Subnet mask :	255.255.255.0
Default Gateway :	192.168.2.1
Primary DNS :	168.95.1.1
Listen Port/Software IP(status) :	2000 / 0.0.0.0 (Offline)
Web Management Port :	80

Biosense

◆ Illustration of Terminal Status

▶ TERMINAL STATUS	
Product Name	Model Number of BioSense III
Serial No.	Serial Number of BioSense III
Firmware Version	Firmware and Hardware Version of BioSense III
System Time	System Time of BioSense III
Terminal ID (MAC Address)	Terminal ID and MAC address of BioSense III
IP Address	IP address of BioSense III
Subnet Mask	Subnet mask of BioSense III
Default Gateway	Default Gateway address of BioSense III
Primary DNS	Primary DNS address of BioSense III
Listen Port/Software IP(Status)	BioSense III and software communication Port number and Software IP address (status between WebPass and software: Online or Offline)
WEB Management Port	BioSense III WEB communication port number
Registered User	Registered user numbers of BioSense III
Available User Capacity	Available Capacity of BioSense III to register users; Available user number(s) to be registered = Sum (20000) – Registered user(s)
Registered Fingerprint	Display registered fingerprint templates quantity
Available Fingerprint Capacity	Available Fingerprint capacity of BioSense III to register users
Access log/System Log Count	The Sum from access and system logs of BioSense III
WG Type	Controller mod for BioSense III is (WG34)
Anti-Pass-Back(Tolerance Timer)	Enable or Disable the BioSense III APB (Anti Pass Back) function and Tolerance Time setup
Next BioSense III (Status)	Display IP address of BioSense III and On-line or Off-line status

➤ ADVANCED ▼

◆ Terminal Setup

Select "Terminal Setup" on Main Window, you'll see the "Terminal Configuration "as following picture :

Terminal Configuration

Main Settings

Terminal ID

Web Language ▼

Communication settings

IP Address

Subnet Mask

Gateway

DNS server

Software IP

TCP port

WEB Management Port

Connection with Software ▼ (Default : Realtime Mode)

Access Control

Anti Pass-Back Disable Enable

Tolerance Timer (Minute, Maximum 65535, 0 means No Tolerance)

Duress Disable Enable

Password (Max 3 digits,default is 9)

Next device

Biometry Settings

Security Level

Record illegal FP access Disable Enable



Other Settings

Fast card reg. mode Disable Enable

Verify card sound Disable Enable

Title on LCD

External Reader IN OUT (Default OUT)

Wiegand Input (Default 34 Bits)

Double Clock IN Control Disable Enable seconds

Card No. Display Dec Hex

Card Format Raw Data Facility Code+ID

Function Key Trigger Mode Manual Key Mode Auto Key Mode

LCD Sleep Time (0-255 min)

◆ Illustration of Terminal Configuration

► Main Settings	
Terminal ID	For setting the Terminal ID of BioSense III . Default =1, max. 65535, not allowed to duplicated.
Web Language	
English	Select "English" as system language from the pull down menu, the WEB page of BioSense III will be switched to "English" interface .
Chs	Select "Chs" as system language from the pull down menu, the WEB page of BioSense III will be switched to "Simplified Chinese" interface .
Others	Select "Chs" as system language from the pull down menu, the WEB page of BioSense III will be switched to "Traditional Chinese" interface.
Communication Settings	
IP Address	For setting the IP Address of BioSense III .
Subnet Mask	For setting the Subnet Mask of BioSense III .
Gateway	For setting the Default Gateway of BioSense III .
DNS Server	For setting the DNS Server IP Address of BioSense III . Default DNS Server IP Address is 168.95.1.1.
Software IP	For setting the Software IP to communicate with BioSense III. Default Software IP is 0.0.0.0.
TCP Port(for Software)	For setting the TCP Port of the Software to communicate with BioSense III. Default TCP Port is 2000.
► Display Title	
Set up a string of word to be display on the BioSense III LCD	
► Software Listen Port	
Software IP	For setting the Software IP to communicate with BioSense III. Default Software IP is 0.0.0.0.
TCP Port	For setting the TCP Port of the Software to communicate with BioSense III. Default TCP Port is 2000.
Web Management Port	Default 80
Connection with Software	Real-time (Client) or Passive (Server) mode can be optional. Defaul is Real-Time mode.
Access Control	
Anti Pass Back	

Enable	Tick this circle to enable the “APB”(Anti Pass Back) function.
Disable	Tick this circle to disable the “APB”(Anti Pass Back) function.
Tolerance Timer	Set up the restored time back to original setting after the “APB” triggered. The unit of time is “minute” and the max. Value is “65535”. If the value is “0”, then it will never be restored until you disable the “APB” by manual.
► Anti Duress	
Enable	Tick this circle to enable the “Anti Duress” function.
Disable	Tick this circle to disable the “Anti Duress” function.
Password	Set your password of “Anti Duress”, default value = 9, max. 3 digits.
► Biometry Settings	
Security Level	Set Fingerprint verification security level. Default is Auto Normal
Record Illegal FP Access	Set Enable or Disable the function
► Other Settings	
Fast card registry mode	
Enable	Fast-Registry mode will be active when selecting Active Note: Disable Fast-Registry mode is necessary after new user card is registered
Disable	Select Inactive to disable Fast-Registry mode
► Verify Card Sound	
Enable	Select Active to turn on voice indication mode when card is read
Disable	Select Inactive to turn off voice indication mode when card is read
► Title on LCD	
Input the Text to be display on the BioSense III LCD	
► External Reader	
IN	Access log direction will be indicating “IN” when select “IN” (Reader is installed at OUTSIDE of a door)
OUT	Access log direction will be indicating “OUT” when select “OUT” (Reader is installed at INSIDE of a door)
► WIEGAND INPUT	
34 Bits	Display card number with Wiegand 34 bit format (4 bytes). Custom format is acceptable
26 Bits	Display card number with Wiegand 26 bit format (3 bytes). Custom format is acceptable
► Double Clock In Control	
Disable	Disable the function

Enable	<p>Not allow double clock in within a certain time.</p> <p>When timer for double clock in time has enabled to be 10 seconds, then the clock in time between first time and second time should be 10 seconds.</p> <p>Note : 0 is not acceptable for double clock in</p>
► Card no. Display	
Decimal	Display registry card number as Decimal format
Hexadecimal	Display registry card number as Hexadecimal
► Card Format	
Raw Data	Based on original card number (Serial number on the “Block 0”)
Facility Code+ID	Display 10 numeric card format: First 5 numbers is for the factory facility code, and later 5 numbers is for the identification code
► Function Key Trigger Mode	
Manual FKey Mode	<p>System will direct to latest action to the function key.</p> <p>For example: User A pressed F1 (eg. Break Out) and then User B is no needed to press F+1 (eg. for Break Out) until someone pressed other Function Key (eg. F+2 for Break In). For system has memorized the latest input parameter</p>
Auto FKey Mode	System will automatically detect the definition setup on “IN/OUT Trigger Setup” and “Function Key Setup” for Auto FKey Mode
LCD Sleep Time	
Define LCD dimmer time from 0~255 minutes (default 1 minute)	
► Button	
Save	Save the Terminal Configuration Settings

◆ Password Setup

Select "Password Setup" from main menu for setup "WEB Logon Setting/Entrance Password". Referring to the following picture :

WEB Logon Setting

Administrator WEB Logon User Name

Administrator WEB Logon Password

Operator WEB Logon User Name

Operator WEB Logon Password

USER WEB Logon User Name

USER WEB Logon Password

Save

Entrance Password

Common Password

Command Password

Assign Administrator(max 5 ID)

0	0	0
---	---	---

0	0
---	---

Save

◆ Illustration of WEB Logon Setting/Entrance Password

▶ WEB Logon Setting	
Administrator Web Logon User Name	Input the required Administrator's logon user name for WEB management, max. 47 characters, default value: "admin".
Administrator Web Logon Password	Input the required Administrator's logon password for WEB management, max. 35 digits, default value: "admin".
Operator Web Logon User Name	Input the required Operator's logon user name for WEB management, max. 47 characters, default value: "user".
Operator Web Logon Password	Input the required Operator's logon password for WEB management, max. 35 digits, default value: "user".
User's Web Logon User Name	Input the required User's logon user name for WEB management, max. 47 characters, default value: "user0".
User Web Logon Password	Input the required User's logon user name for WEB management, max. 35 digits, default value: "user0".
The Administrator, Operator and User have their respective authorizations, referring to the following "Authorization Table".	
▶ Entrance Password	
Common Password	Setup a common password for all users or keep it as blank to disable common password authority. Default value: "1234"
Command password	Using Command mode password to access BioSense III terminal. Pressing 111111 (6 digits) → pressing "F1F1" to enter to main menu
Assign Administrator (max 5 ID)	Set 1~5 User's ID to be granted with Administrator authority
▶ Button	
Save	Save the Password Setting.

Authorizations Table (“●” = Access Permission)

WEB Function	Administrator User Name: admin Password: admin	Operator User Name: user Password: user	User User Name: user0 Password: User0
Upgrade Firmware	●		
Password Setup	●		
Terminal Setup	●		
Door Setup	●		
Event Handle	●		
Reboot	●		
Clock Setup	●		
Reset	●		
Upgrade Firmware	●		
Password Setup	●		
Terminal Setup	●		
User Data	●	●	
Time Set	●	●	
Time Zone Setup	●	●	
Group List	●	●	
Holiday Setup	●	●	
Lift Setup	●	●	
Multi Badge Group	●	●	
Remote Control	●	●	
Access Log	●	●	●
View User List	●	●	●
Terminal Status	●	●	●
System Log	●	●	●
IP Camera	●	●	●

◆ Clock Setup

Select "Clock Setup" on the left side of the Main Window, you'll see the "System Clock Setup" screen, referring to the following picture:

System Clock Setup

Time Server

Disable Enable

Recommended: time.windows.com or time.nist.gov

Time Zone

Save

Date/Time setup

New Date

(mm/dd/yyyy)

New Time

(hh:mm:ss)

Save

◆ Illustration of System Clock Setup

► Time Server	
Disable	Tick this circle to shut up the Time Server network connection.
Enable	Tick this circle to start the Time Server network connection.
Time Zone	The “Drop Down Menu” offers you all the Time Zones available up to your option, default time zone : (GMT)England.
“SAVE” button	Save the Time Server Settings and adjust the time.
When enable the “Time Server”, please key in the IP address or http:// of the “Time Server”. Then select the required Time Zone and Save it to connect the “Time Server” for a time adjustment.	
Date / Time Setup	
New Date	The date of networked PC computer. You may adjust the date to your requirement as the format of “mm/dd/yyyy”.
New Time	The date of networked PC computer. You may adjust the time to your requirement as the format of “hh:mm:ss”.
SAVE (button)	Save the configuration of this page and upgrade the date/time for the networked PC computer.

➤ Access Control

◆ Illustration of Time Set

Time List

000	001
00:00 ~ 00:00	00:00 ~ 23:59

Add new time set

Time Set :
 From : To :

▶ Time Set List	
Time List	It will display all the configured time set(s). 2 System Default Time sets are : 00:00~00:00 and 00:00~23:59
Add new time set	Select a time set serial number for the time set from the pull down menu. Maximum Time Set can be. 255 sets. System built-in values are “000” and system default serial number for time set is “000” and “001”
From ~ To	Input a time set period, for example : 8:00am to 17:00pm as one period, then
▶ Button	
DELETE	Delete an existing “Time Set”.
SET	Add a new “Time Set”.

◆ Time Zone Setup

Select and Click "Time Zone Setup" on the left side of the Main Window, you'll see the "Time Zone List" screen referring to the following picture:

Time Zone List



Add new time zone :

Time Zone ID :

◆ Illustration of Time Zone List

► Time Zone List	
Time Zone List	Display all the Time Zone(s) existing. Click the Time Zone name(indicated as the Time Zone Name example) to enter its Time Zone Information Screen.
Add new time zone ID	Select your Time Zone Serial Number from the “Drop Down Menu”, system built-in numbers as “000” and “001”, max. 120 Time Zones allowed.
Time Zone Name	Click the name of Time Zone (for example : 2, as below picture) to enter the ”Time Zone Information” screen for modification.
► Button	
DELETE	Delete an existing Time Zone.
SET	Enter the Time Zone Information screen.

Here is an example of “Time Zone Information” screen to show how to set the daily door access and card punching authorized Time Set from Monday to Sunday and Holidays:

Time Zone Information -- 002

Day :

Time 1: Time 2: Time 3: Time 4:

Time 5: Time 6: Time 7: Time 8:

Time 9: Time 10: Time 11: Time 12:

Time 13: Time 14: Time 15: Time 16:

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Holiday
Time 1:	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00
Time 2:	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00
Time 3:	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00
Time 4:	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00
Time 5:	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00
Time 6:	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00
Time 7:	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00
Time 8:	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00
Time 9:	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00
Time 10:	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00
Time 11:	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00
Time 12:	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00
Time 13:	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00
Time 14:	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00
Time 15:	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00
Time 16:	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00	000 -- 00:00 ~ 00:00

◆ Illustration of Time Zone Information

▶ Time Zone Information Setting	
Weekday Name (Monday~Sunday/Holiday)	The “Drop Down Menu ”offers you options from Monday to Sunday and Holiday. Steps : “SET” the “Time Set” on “Time Set” screen→ Select your weekday →Choose your time set(s) of the time zones.
Time 1 ~ Time16	Each day from Monday ~Sunday and Holiday is allowed 16 time sets. However, you have to make some Time Sets on the “Time Set” screen in advance for the options here, otherwise only 2 default system Time sets can be chosen, referring to the following illustration:
▶ Button	
Save	Save the“ Time Zone Information”.
Cancel	Cancel or Modify the “Time Zone Information”.
When the “ Time Zone Setup “ completed, please click the “Time Zone Name ”to enter to “Time Zone Information” screen.	

◆ Group List

Select and Click "Group List" on the left side of the Main Window, you'll see the "Group List" screen referring to the following picture:

Group ID

Add new group:

Group ID:

Disallowed Group

Free Time Group

◆ Illustration of Group List

▶ Group List	
Group List	Display all the Groups configured. Click the Group's name to enter its "Group Information"
Add new group	Select your "Group ID" by serial number, default values : 000 · 001. The "Drop Down Menu" offers you all the serial number of Group ID as options, max. 255 groups allowed.
▶ Button	
Delete	Delete a Group ID.
Set	Enter the "Group Information" screen.

Below Group Information screen is to configure door(s) with a specific time zone ID, referring to the following picture:

Group Information

Time Zone ID

Allowed Door 1.

◆ Illustration of Group Information

▶ Allowed Door	
Allowed Door No.	Tick the box of Door (number) means a certain group users have authorized to access the door during the preset time, otherwise it is prohibited.
Tim Zone ID	Display preset time zone information from the pull down menu
▶ Button	
Save	Save the "Group Information".
Cancel	Cancel or Modify the "Group Information"

◆ Holiday Setup

Select and Click "Holiday Setup" on the left side of the Main Window, you'll see the "Holiday setup" screen referring to the following picture:

Holiday List

Add new holiday date

Month 01 / Date 01 SET

Holiday List

001	x
01 / 01	

Add new holiday date

Month 01 / Date 01 SET

◆ Illustration of Holiday Setup

► Add new holiday date	
Month	Select a month from the "Drop Down Menu".
Date	Select a date from the "Drop Down Menu".
► Button	
Set	Add a new Holiday.
Delete	Delete a Holiday.

◆ Door Setup

Select and Click "Door Setup" on the left side of the Main Window, you'll see the "Door Setting" screen as below:

Door Setting

	IN	OUT
L9 First Admin FP IN Time Zone :	000 Deactivate	000 Deactivate
L8 Multiple FP Time Zone :	000 Deactivate	000 Deactivate
L7 Multiple Badge Time Zone :	000 Deactivate	000 Deactivate
L6 Card+FP+Personal Password Time Zone :	000 Deactivate	000 Deactivate
L5 FP+Personal Password Time Zone :	000 Deactivate	000 Deactivate
L4 Card+Personal Password or Card+FP Time Zone :	000 Deactivate	000 Deactivate
L3 Personal Password or FP Time Zone :	000 Deactivate	000 Deactivate
L2 Card Only Time Zone :	000 Deactivate	000 Deactivate
L1 Card or Password or FP Time Zone :	001 Any Time	001 Any Time
Lock Release Time Zone :	000 Deactivate	First Card No Need
Exit Button TZ :	001 Any Time	
Anti Pass Back Level :	IN : 0	OUT : 0 (0 - 255)
Lock Release Time :	10	Sec (1 - 65535, 10 = default)
Door Open Delay Time :	10	Sec (1 - 65535, 10 = default)
Access Log :	Recorded	
Door Sensor Mode :	N/A	
Door Relay Energized :	<input type="radio"/> None <input checked="" type="radio"/> 1 Relay <input type="radio"/> 2 Relay(NO_SUPPORT BF20/50)	

SET

BF50 CARD

Set BF50 Card

Update BF50 Card

◆ Illustration of Door Setting

▶ Door Setting	
(L9) First Admin FP (IN) Time Zone	<p>Set up door's bypass time zone as L9 (Default: Deactivate). Verification of first entry to the door must be using Administrator's fingerprint. After admin fingerprint has been verified, all users may access the door by user's card or fingerprint or password.</p> <p>※ When door's bypass time zone level is set to lower or equal to user's bypass level then user may access the door by user's card or fingerprint or password.</p>
(L8) Multiple FP Time Zone	<p>Set up door's bypass time zone as L8 (Default: Deactivate). Before set up L8 time zone to a door, it should be firstly composed a multiple badge work sheet at Multi Badge Group configuration menu. L8 bypass time zone provides maximum 10 multiple FP time zone groups, and each group may consist of 2~3 registered users. No verification order is limited.</p> <p>※ When door's bypass time zone level is set to lower or equal to user's bypass level then user may access the door by user's card or fingerprint or password.</p>
(L7) Multiple Badge Time Zone	<p>Set up door's bypass time zone as L7 (Default: Deactivate). Before set up L7 time zone to a door, it should be firstly composed a multiple badge work sheet at Multi Badge Group configuration menu. L7 bypass time zone provides maximum 10 multiple badge time zone groups, and each group may consist of 2~3 registered users. No verification order is limited.</p> <p>※ When door's bypass time zone level is set to lower or equal to user's bypass level then user may access the door by user's card or fingerprint or password.</p>
(L6) Card + FP + Personal Password Time Zone	<p>Set up bypass time zone for the door as L6 mentioned (Default: Deactivate). User may access the door by Card + Fingerprint + Password without verification order. To assure user has properly verified according to L6 bypass time zone requested, BioSense III hardware LCD will be displaying which verification item is needed. (Suggest users follow the LCD instruction)</p> <p>※ When door's bypass time zone level is set to lower or equal to user's bypass level then user may access the door by user's card or fingerprint or password.</p>

<p>(L5) FP + Personal Password Time Zone</p>	<p>Set up bypass time zone for the door as L5 mentioned (Default: Deactivate). User may access the door by Fingerprint + Password without verification order</p> <p>※ When door's bypass time zone level is set to lower or equal to user's bypass level then user may access the door by user's card or fingerprint or password.</p>
<p>(L4) Card + Personal Password or Card + FP Time Zone</p>	<p>Set up a bypass time zone for the door as L4 mentioned (Default: Deactivate). User may access the door by Card+ Password or Card+ Fingerprint without verification order. BioSense III LCD will indicate users to press * to start verification for 1:1 or input personal password.</p> <p>※ When door's bypass time zone level is set to lower or equal to user's bypass level then user may access the door by user's card or fingerprint or password.</p>
<p>(L3) Personal Password or FP Time Zone</p>	<p>Set up a bypass time zone for the door as L3 mentioned (Default: Deactivate). User may access the door by input personal password (command by #UID#P#), or verify fingerprint.</p> <p>※ When door's bypass time zone level is set to lower or equal to user's bypass level then user may access the door by user's card or fingerprint or password.</p>
<p>(L2) Card Only Time Zone</p>	<p>Set up a bypass time zone for the door as L2 mentioned (Default: Deactivate). User may access the door by user's card.</p> <p>※ When door's bypass time zone level is set to lower or equal to user's bypass level then user may access the door by user's card or fingerprint or password.</p>
<p>(L1) Card or Password or FP Time Zone</p>	<p>Set up a bypass time zone for the door as L1 mentioned (Default: Anytime). User may access the door by user's card or fingerprint or personal password (#UID#P#) or common password.</p> <p>※ When door's bypass time zone level is set to lower or equal to user's bypass level then user may access the door by user's card or fingerprint or password.</p>
<p>Lock Release Time Zone</p>	<p>Set up a Lock Release time zone at the door (Default: Deactivate). All users may access the door without verification. When First Card is selected as Needed, then the Lock Release Time Zone will only be activated after scan by a legal card.</p>
<p>Exit Button TZ</p>	<p>Set up an Exit Button time zone at the door. Supporting only OUT direction. (Default: Any Time).</p>
<p>Anti Pass Back Level</p>	<p>Set up an Anti Pass Back Level at both "IN" and "OUT" direction of a Door. APB level is allowed to be configured within 0~255.</p>

Lock Release Time	Set up the “Lock Release Time” , default as 10 seconds.
Door Open Delay Time	Set up “Door Open Delay Time” , default as 10 seconds.
Access Log	Ignore or Record the access logs
Door Sensor Mode	Set up door sensor mode to be N/A or Normal Open/Close. Default is N/A. When Normal Open/Close is selected, door status will display door sensor circuit Short or Open.
Door Relay Energized	<p>There are 3 options for activating Door Lock relay after verification is done:</p> <p>None : No trigger door lock relay</p> <p>1 Relay : Trigger door lock relay from BioSense III</p> <p>2 Relay : Trigger door lock relay from BioSense III and also trigger other relays.</p> <p>For BF-20 and BF-50 status:</p> <p>1 Relay : Without BF-20/BF-50 installed, trigger another relay on BioSense III</p> <p>2 Relay : With BF-20/BF-50 installed, trigger relay 2 only</p> <p>※ Check up for <u>Hard alarm & Soft alarm on Event Handle</u> should not be overlapping.</p>
► BF50 CARD (to configure 50 registered user’s cards on BF50 relay box)	
Set BF-50 Card	Input 50 sets of card numbers to BF-50. When main controller is disconnected to BF-50, BF-50 will check the card number with the input card number list to open the door.
Update BF-50 Card	Input card number to BF-50 then tap the update button to update card numbers to BF-50

◆ Set BF-50 Card

To secure door will be opened when any disconnections happened to current system, BioSense III provides alternative mechanism to open the door by presetting 50 sets legal cards into BF-50 relay box. Select” Door Setup” on the Main Window, then click “Set BF-50 Card” button as below:

BF50 CARD

No.	Card No.	No.	Card No.	No.	Card No.	No.	Card No.	No.	Card No.
1	0	2	0	3	0	4	0	5	0
6	0	7	0	8	0	9	0	10	0
11	0	12	0	13	0	14	0	15	0
16	0	17	0	18	0	19	0	20	0
21	0	22	0	23	0	24	0	25	0
26	0	27	0	28	0	29	0	30	0
31	0	32	0	33	0	34	0	35	0
36	0	37	0	38	0	39	0	40	0
41	0	42	0	43	0	44	0	45	0
46	0	47	0	48	0	49	0	50	0

Set cancel

◆ Illustrations of BF-50 Card

▶ BF-50 Setting	
NO	Total 50 card numbers can be set to the BF-50
Card No	Enter card number for BF-50
▶ Button	
Set	Save card numbers only

※ Press “Upgrade to BF-50” button to update the card numbers we Set to BF-50.

◆ Event Handle

Select "Event Handle" from menu to enter to "Event Handle" configuration screen as below:

Event Handle

	Hard Alarm	Soft Alarm1	Soft Alarm2	IP Camera	E-mail Alerts
Latched Time(Second)	0	0	0	0	0
Event					
Unregistered User	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Deactivated User	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Not Allowed Door	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Time Zone Violation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Expired User	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Anti Pass Back Violation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Door open too long	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tamper Switch Breakdown	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Door Intruded	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Duress Alarm On	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fire Alarm On	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

E-mail Alerts

Location

SMTP Mail Server

SMTP Server Requires Authentication

username

password

Mail from

Mail To

Mail Cc

Set

◆ Illustration of Event Handle

Latched Time	The “Latched Time” can be set up to 65535 seconds. When the “Latched Time : 0”, means the latched status will never be restored until the alert be stopped by manually clicking “ Alarm OFF ”button on the “Door Status Monitoring/Security Bypass” screen of “Remote Control” function.
Event Handle Types	
Hard Alarm	Preset one or many event type(s) to trigger BioSense III I/O relays
Soft Alarm 1	Preset one or many event type(s) to trigger BF50 Relay No.2
Soft Alarm 2	Preset one or many event type(s) to trigger BF50 Relay No.3
IP Camera	Preset one or many event type(s) to trigger IP Camera to take snap shot
E-Mail Alarm	Preset one or many event type(s) to trigger email alarm sends to certain email recipients
► Event	
Unregistered User	<ol style="list-style-type: none"> 1. It will be listed in the “Drop Down Menu”. When it’s selected and the user unregistered, one unregistered record will be shown on the “ Access Log ”screen (referring to the sample as below); if the event level equal to or higher than the “Alarm Trigger Level”, the Relay will be triggered and the E-mail will alert when “ E-mail Alerts ”is configured and one alert e-mail will be sent out. 2. When the “Latched Time : 0”, the alert can only be lifted/stopped by clicking “ Alarm OFF ”button on the “Door Status Monitoring/Security Bypass” screen of “Remote Control” function, default level = 0, referring to the below picture :
Deactivated User	<ol style="list-style-type: none"> 1. It will be listed in the “Drop Down Menu”. When it’s selected and the user card has been deactivated then a Deactivated status will be recorded to Access Log screen. If Event Handle level is equaled to or higher than the “Alarm Trigger Level”, the Relay will be triggered then sent and alert E-mail to the account which has been configured. 2. When the “Latched Time : 0”, the alert can only be lifted/stopped by clicking “ Alarm OFF ”button on the “Door Status Monitoring/Security Bypass” screen of “Remote Control” function, default level = 0.

<p>Not Allowed Door</p>	<p>1. It will be listed in the “Drop Down Menu”. When it’s selected and the user’s “Group” setting is different than the Door’s group settings, then a “Disallowed door” message will be recorded on the “Access Log ”screen; if the event handle level is equaled to or higher than the “Alarm Trigger Level”, the Relay will be triggered and an E-mail will be sent out if any email account has been configured.</p> <p>2. When the “Latched Time : 0”, the alert can only be stopped by clicking “ Alarm OFF ”button on the “Door Status Monitoring/Security Bypass” screen of “Remote Control” function, default level = 0.</p>
<p>Time Zone Violation</p>	<p>1. It will be listed in the “Drop Down Menu. When it’s selected and the user’s Time Zone Group setting is different from the Door Group Time Zone settings, one Open Time Error message will be recorded on the Access Log ”screen; If the event handle level is equaled to or higher than the “ Alarm Trigger Level”, the Relay will be triggered and an E-mail will be sent out to the account which has been configured</p> <p>2. When the “Latched Time : 0”, the alert can only be stopped by clicking Alarm OFF button on the “Door Status Monitoring/Security Bypass” screen of “Remote Control” function, default level = 0.</p>
<p>Expired User</p>	<p>1. It will be listed in the “Drop Down Menu”. When it’s selected and the user’s “Expiry Date” overdue one “EXPIRED ”message will be recorded on the Access Log ”screen. If the event handle level is equaled to or higher than the “ Alarm Trigger Level, the relay will be triggered and an E-mail will sent to an email account which has been pre-configured.</p> <p>2. When the “Latched Time : 0”, the alert can only be stopped by clicking “ Alarm OFF ”button on the “Door Status Monitoring/Security Bypass” screen of “Remote Control” function, default level = 0.</p>
<p>Anti Pass Back Violation</p>	<p>1. It will be listed in the “Drop Down Menu”. When it’s selected and the doors with “Anti Pass Back Level ”configuration, one “Anti_PB Rej ”message will be recorded on the Access Log ”screen. If the event handle level is equaled to or higher than the “ Alarm Trigger Level”, the Relay will be triggered and an alert E-mail will be alert to an account which has been pre-configured.</p> <p>2. When the “Latched Time : 0”, the alert can only be stopped by clicking “ Alarm OFF ”button on the “Door Status Monitoring/Security Bypass” screen of “Remote Control” function, default level = 0.</p> <p>* Only 1 Door (2 way) is supported</p>

<p>Door open too long</p>	<p>1. It will be listed in the “Drop Down Menu”. When it’s selected and the door closes over the time set after the user’s card flashed, one “Open too long ”message will be recorded on the Access Log ”screen. If the event handle level is equaled to or higher than the“ Alarm Trigger Level”, the Relay will be triggered and an alert E-mail will be alert to an account which has been pre-configured.</p> <p>2. When the “Latched Time : 0”, the alert can only be lifted/stopped by clicking “ Alarm OFF ”button on the “Door Status Monitoring/Security Bypass” screen of “Remote Control” function, default level = 0.</p>
<p>Tamper Switch Breakdown</p>	<p>1. It will be listed in the “Drop Down Menu”. When it’s selected and the device is opened forcibly, one “CASE OPENED”message will be shown on the Access Log ”screen. if the event level equals to or higher than the“ Alarm Trigger Level”, the Relay will be triggered and the E-mail will alert when “ E-mail Alerts ”is configured and one alert e-mail will be sent out.</p> <p>2. When the “Latched Time : 0”, the alert can only be stopped by clicking “ Alarm OFF ”button on the “Door Status Monitoring/Security Bypass” screen of “Remote Control” function, default level = 0.</p>
<p>Door Intruded</p>	<p>1. It will be listed in the “Drop Down Menu”. When it’s selected and the door is accessed forcibly and abnormally, one “ DOOR INTRUDED ” message will be shown on the Access Log ”screen ; if the event level equals to or higher than the“ Alarm Trigger Level”, the Relay will be triggered and the E-mail will alert when “ E-mail Alerts ”is configured and one alert e-mail will be sent out.</p> <p>2. When the “Latched Time : 0”, the alert can only be stopped by clicking “ Alarm OFF ”button on the “Door Status Monitoring/Security Bypass” screen of “Remote Control” function, default level = 4.</p>
<p>Duress Alarm On</p>	<p>1. It will be listed in the “Drop Down Menu”. When it’s selected and the “Duress Alarm ”of a door is triggered by the user (note : you have to key in the “Anti Duress Password” then press “ENT ”before flashing users card) then an “ANTI DURESS” message will be shown on the Access Log ”screen; if the event level equals to or higher than the“ Alarm Trigger Level”, the Relay will be triggered and the E-mail will alert when “ E-mail Alerts ”is configured and one alert e-mail will be sent out.</p> <p>2. When the “Latched Time : 0”, the alert can only be stopped by clicking “ Alarm OFF ”button on the “Door Status Monitoring/Security Bypass” screen of “Remote Control” function, default level = 4.</p>

Fire Alarm On	<p>1. It will be listed in the “Drop Down Menu”. When it’s selected and if the “Fire Alarm ”is triggered, one “FIRE ALARM” message will be shown on the Access Log ”screen; if the event level equals to or higher than the“ Alarm Trigger Level”, the Relay will be triggered and the E-mail will alert when “ E-mail Alerts ”is configured and one alert e-mail will be sent out.</p> <p>2. When the “Latched Time : 0”, the alert can only be stopped by clicking “ Alarm OFF ”button on the “Door Status Monitoring/Security Bypass” screen of “Remote Control” function, default level = 5.</p>
► Event Handle - E-mail Alerts	
Location	Enter the equipment name or location for alarming.
SMTP Mail Server	Enter the Mail Server address of sending Alarm E-mail.
Mail from	Enter the name of sender
SMTP Server Requires Authentication	Set mail server User id and Password
Mail to:	Enter the major receiver email address for the alarm message.
Mail CC to:	Enter the carbon copy receiver email address for the alarm message
“Set”(button)	Save the configured information.

◆ IP Camera

Select "IP Camera" from menu to enter to IP Camera configuration screen:

IP Camera(IP)	PORT	TYPE	username (30 Char. Max)	password (30 Char. Max)
<input type="text" value="192.168.3.97"/>	<input type="text" value="80"/>	<input type="text" value="VIVOTEK IP7133/7330"/>	<input type="text"/>	<input type="text"/>
		<input type="button" value="SET"/>	<input type="button" value="Refresh"/>	

Door IN

Chiyu,UID=1,05/31/2011,15:05:43



◆ Illustration IP Camera

► IP Camera	
IP Camera	Enter IP address of the IP Camera
PORT	Enter a port number for connecting the IP Camera, default is 80
Type	Select an IP Camera model name from the inbuilt name list. Default is VIVOTEK IP7133/7330
ID	Enter IP Camera Logon ID
Password	Enter IP Camera Password
Door	Display Picture entrances and exits latest sensor
Set	Save all the configurations.
Refresh	Refresh the WEB page

➤ Maintenance

◆ System Log

System Log

No.	Date	Time	Description
1 .	05/22/2014	07:53:17	Terminal Login by Normal Password
2 .	05/22/2014	05:57:58	System Warm Start
3 .	05/22/2014	04:38:08	System Power ON
4 .	05/22/2014	02:55:06	ETH Dev Link Down

Total 4 Record(s)

< End of List... >

Export Txt

Export Xls

◆ Fingerprint Sync

Set a time for automatically fingerprint synchronization per day for one or all user(s).

FP Sync

Auto FP Sync

Sync Time

00:00:00

(hh:mm:ss)

Set

FP Sync

Sync user

All Single

Set

◆ Multi-Badge Group

Select Multi-badge group to enter to configuration screen as below:

User Group List

Multi Badge Group	User ID 1	User ID 2	User ID 3
1.	<input type="text"/>	<input type="text"/>	<input type="text"/>
2.	<input type="text"/>	<input type="text"/>	<input type="text"/>
3.	<input type="text"/>	<input type="text"/>	<input type="text"/>
4.	<input type="text"/>	<input type="text"/>	<input type="text"/>
5.	<input type="text"/>	<input type="text"/>	<input type="text"/>
6.	<input type="text"/>	<input type="text"/>	<input type="text"/>
7.	<input type="text"/>	<input type="text"/>	<input type="text"/>
8.	<input type="text"/>	<input type="text"/>	<input type="text"/>
9.	<input type="text"/>	<input type="text"/>	<input type="text"/>
10.	<input type="text"/>	<input type="text"/>	<input type="text"/>
			SET

◆ Illustration of Multi-Badge Group

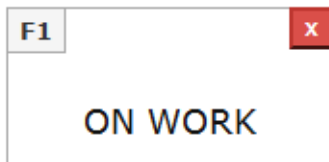
► Multi-Badge Group	
Multi-Badge Group	Total 10 Multi-Badge Group can be set for BioSense III system, each group may consist of 2~3 legal users
User ID 1	Input the User ID for Multi-badge group
User ID 2	Input the User ID for Multi-badge group
User ID 3	Input the User ID for Multi-badge group
SET (button)	Save the User ID data and Multi-Badge group

※ Multi-Badge function is related to Door Setup menu, by selecting L7 : Multi-Badge Time Zone with Double or Triple badges.

◆ Function Key Setup

Set manual function key for system, user need to press hardware function key from device to activate function keys.

Function keys



Add new function key

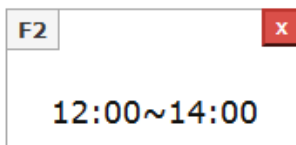
function key digital key definition (Max 15 Word)

- None
- F1
- F2
- F3
- F4

◆ FKey Auto Trigger

Set Automatically Function key trigger time for system, no need pressing Function over device.

Fkey Auto Trigger List



Add new Trigger

Function Key : None From : To :

- None
- F1
- F2
- F3
- F4

◆ Set Ring Time

Click Set Ring Time from menu to enter to Ring Setup configuration screen:

- * Ring setup is using Relay no. 2. is the same with Event Handle alarm, hence only one option (Ring or Event handle) can be using on Relay no. 2

RING SETUP

Day Monday

Time1 HH:MM(24) <input type="button" value="x"/>	Time2 HH:MM(24) <input type="button" value="x"/>	Time3 HH:MM(24) <input type="button" value="x"/>	Time4 HH:MM(24) <input type="button" value="x"/>	Time5 HH:MM(24) <input type="button" value="x"/>
<input type="text" value=""/> : <input type="text" value=""/>	<input type="text" value=""/> : <input type="text" value=""/>	<input type="text" value=""/> : <input type="text" value=""/>	<input type="text" value=""/> : <input type="text" value=""/>	<input type="text" value=""/> : <input type="text" value=""/>
Time6 HH:MM(24) <input type="button" value="x"/>	Time7 HH:MM(24) <input type="button" value="x"/>	Time8 HH:MM(24) <input type="button" value="x"/>	Time9 HH:MM(24) <input type="button" value="x"/>	Time10 HH:MM(24) <input type="button" value="x"/>
<input type="text" value=""/> : <input type="text" value=""/>	<input type="text" value=""/> : <input type="text" value=""/>	<input type="text" value=""/> : <input type="text" value=""/>	<input type="text" value=""/> : <input type="text" value=""/>	<input type="text" value=""/> : <input type="text" value=""/>
Time11 HH:MM(24) <input type="button" value="x"/>	Time12 HH:MM(24) <input type="button" value="x"/>	Time13 HH:MM(24) <input type="button" value="x"/>	Time14 HH:MM(24) <input type="button" value="x"/>	Time15 HH:MM(24) <input type="button" value="x"/>
<input type="text" value=""/> : <input type="text" value=""/>	<input type="text" value=""/> : <input type="text" value=""/>	<input type="text" value=""/> : <input type="text" value=""/>	<input type="text" value=""/> : <input type="text" value=""/>	<input type="text" value=""/> : <input type="text" value=""/>
Time16 HH:MM(24) <input type="button" value="x"/>	Time17 HH:MM(24) <input type="button" value="x"/>	Time18 HH:MM(24) <input type="button" value="x"/>	Time19 HH:MM(24) <input type="button" value="x"/>	Time20 HH:MM(24) <input type="button" value="x"/>
<input type="text" value=""/> : <input type="text" value=""/>	<input type="text" value=""/> : <input type="text" value=""/>	<input type="text" value=""/> : <input type="text" value=""/>	<input type="text" value=""/> : <input type="text" value=""/>	<input type="text" value=""/> : <input type="text" value=""/>
Time21 HH:MM(24) <input type="button" value="x"/>	Time22 HH:MM(24) <input type="button" value="x"/>	Time23 HH:MM(24) <input type="button" value="x"/>	Time24 HH:MM(24) <input type="button" value="x"/>	Time25 HH:MM(24) <input type="button" value="x"/>
<input type="text" value=""/> : <input type="text" value=""/>	<input type="text" value=""/> : <input type="text" value=""/>	<input type="text" value=""/> : <input type="text" value=""/>	<input type="text" value=""/> : <input type="text" value=""/>	<input type="text" value=""/> : <input type="text" value=""/>
Time26 HH:MM(24) <input type="button" value="x"/>	Time27 HH:MM(24) <input type="button" value="x"/>	Time28 HH:MM(24) <input type="button" value="x"/>	Time29 HH:MM(24) <input type="button" value="x"/>	Time30 HH:MM(24) <input type="button" value="x"/>
<input type="text" value=""/> : <input type="text" value=""/>	<input type="text" value=""/> : <input type="text" value=""/>	<input type="text" value=""/> : <input type="text" value=""/>	<input type="text" value=""/> : <input type="text" value=""/>	<input type="text" value=""/> : <input type="text" value=""/>
Ring Open Time		<input type="text" value="10"/>	seconds(1~255 sec ; default is 10)	
<input type="button" value="SET"/>				

◆ Illustration for Ring Time Setup

▶ Ring Setup	
Time no.	Input a ring time as format HH : MM
Ring Open Time	Input a ring open time (1~255sec, Default is 10 sec)
▶ Button	
Delete	Delete preset ring time
Set	Save ring time

◆ Backup

Select "Backup" from the menu to enter to Backup system screen:

Backup

- Database (database.cfg)
 User List (userlist.txt)

This command will export the User Registry data for backup purpose.

Backup

◆ Illustration of Backup

► Backup	
Database (database.cfg)	Backup Project for : Terminal Setup, Password Setup, Time Set, Time Zone Setup Group List, Holiday Setup, Door Setup.
User List (userlist.txt)	Backup Project for: User ID, Card No, Name, User Type, Group.

◆ Restore

Select "Restore" from the menu to enter Restore/Import configuration screen as below:

Restore

Select the file to restore / import :

 瀏覽...

Database (database.cfg/userdata.cfg) User List (userlist.txt)

(It may take few minutes to restore the database.)

Restore

◆ Illustration of Restore

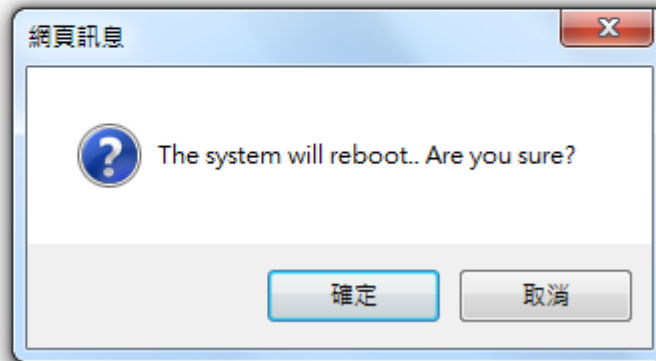
▶ Restore	
Database (database.cfg)	Restore Project for: Terminal Setup, Password Setup, Time Set, Time Zone Setup Group List, Holiday Setup, Dorr Setup.
User List (userlist.txt)	Restore Project for: User ID, Card No, Name, User Type, Group.

◆ Reboot

Select "Reboot" from the menu to enter to "Reboot System" screen as below:

Reboot

REBOOT



◆ Illustration of Reboot

► Button

Reboot	Reboot the BioSense III , similar to warm start a computer
---------------	--

◆ Upgrade Firmware

Select “Upgrade Firmware” from the menu to enter to “Firmware Upgrade” screen as below:

Upgrade Firmware

Warning: Upgrade must NOT be interrupted

Upgrade file : 瀏覽...

◆ Illustration of Upgrade Firmware

► Steps

Press “BROWSE” button to search Firmware file for upgrade
Press “Upgrade” button to execute firmware upgrade.

► Note

Upgrade the “System Code” first then upgrade “WEB Code”., power input should be sustain when process with firmware upgrade

◆ Format Data

Select “**Reset**” from the menu to enter to “**Reset**” screen as below:

Reset all

User Data Access Logs Group Time Zone Time Set Holiday System Logs Fkey Auto Trigger Func. Key Ring Time

Select all

Delete

Factory default

Reset

Reset System to Factory Default

◆ Illustration of Reset

► Data Reset	
User Data	Tick the box before “User Data” and Click “DELETE” to delete all the User Data.
Access Log	Tick the box before “Access Log” and Click “DELETE” to delete all the Access Logs.
Group	Tick the box before “Group” and Click “DELETE” to delete all the Group.
Time Zone	Tick the box before “Time Zone” and Click “DELETE” to delete all the Time Zone.
Time Set	Tick the box before “Time Set” and Click “DELETE” to delete all the Time Set.
Holiday	Tick the box before “Holiday” and Click “DELETE” to delete all the Holiday
System Logs	Tick the box before “System Logs” and Click “DELETE” to delete all the System Logs
FKey Auto Trigger	Tick the box before “System Logs” and Click “DELETE” to delete all the FKey Auto Trigger setting
Func. Key	Tick the box before “System Logs” and Click “DELETE” to delete all the Func. Key setting
Ring Time	Tick the box before “System Logs” and Click “DELETE” to delete all the Ring Time setting
► Button	
Select All	Tick the box to select all boxes in a time
Delete	Delete ticked item(s)
Steps :	
1. Tick the item(s) to be deleted.	
2. Click button “Delete”.	
► Reset System to Factory Default	
Factory Default	Execute command to restore the system to the factory default (Default IP will be 192.168.0.66, and the Web logon name and password will be “admin”)

➤ Appendix I

Event name	Event status	How to revive
Door open delay	Door open time over the default time (with door sensor)	Close the door
Door closed	Door closed after “Door open delay” event triggered.	N/A
Pulse Open	Pulse open door from remote site	Tap “Back to Normal” button to turn to normal
Pulse Close	Pulse close door from remote site	Tap “Back to Normal” button to turn to normal
Back to Normal	Door status back to normal	N/A
Identification failure	User identification failed	Check access method for user is to conform to door’s policy
Unregistry	Card is not registered	Register the card
Inactive	User authority and data invalid	Active user’s authorization
APB violation	APB policy violated when APB function is activated	Check APB level
Not Allowed	User Group is not allowed to access a certain door	Check setting of user Group
Door intruded	Door intruded illegally	Check door sensor functionality
Tamper switch breakdown	Tamper switch is being triggered	Check tamper switch on the terminal status
Push Button	Open door by push button	N/A
Normal Close	Door closed after door opened	N/A
Anti-Duress	Anti-Duress event triggered. (User requires to input Anti-duress password then scan card)	N/A

Fire Alarm	Fire alarm triggered	Check fire alarm signal is being triggered. Release the fire alarm signal.
Security defense	Security On(Based on software)	Apply software or scan security type card to release the security status
Security off	Security off (Based on software)	N/A
Tamper switch close	Tamper switch closed after tamper switch breakdown	N/A
Illegal time zone	Access door with card out of time zone	Check time zone for door
Lock release time zone start	Unlock time zone start	Check lock release time zone. Change the time zone to be none to release the status
Lock release time zone end	Unlock time zone end	N/A
Warm start	Tap Reboot to warm start terminal (power on status), system display with Warm start message	N/A
Cold start	Power on after power breakdown. System log displays “System power on”.	N/A
Backup battery	Backup battery is being used when power off	Check power status
Normal power on	Power on after power breakdown (with backup battery)	N/A
BF50 on line	BF-50 On line	N/A
BF50 off line	BF-50 Off line	Check RS485 or BF50 status
Door sensor circuit short	Door sensor circuit short	Check door sensor circuit
Door sensor circuit open	Door sensor circuit open	Check door sensor circuit

Interlock violation	Access second door before first door closed.	Check first door has been normally closed
Emergency open	Tap Emergency open button remotely	Tap All door then click Back to normal
Emergency close	Tap Emergency close button remotely	Tap all door then click Back to normal
Fire alarm detection on	Fire alarm detection is activated from remote site	N/A
Fire alarm detection off	Fire alarm detection off from remote site	N/A
Force open	Tap Force open button from remote site	N/A
Manually alarm release	Alarm relay is triggered when a certain event tolerance time set to "0". Alarm relay will be off when Alarm off is selected.	N/A
Auto alarm off	Event trigger tolerance time set to other than "0", alarm relay will be triggered.	N/A
IP Conflict	IP confliction over two terminals	Modify IP for one terminal

➤ Appendix II

BF-63X/BF-83X-USB Log Extraction Format

For example:

000001,0000000001,2008/02/05,15:34:49,000,001,001,000,001,000

Seq. No.	Card ID	Y/M/D	H/M/S	IN/OUT	Verification Source	Event/Verify Code	FKey	TID	Door
000001	0000000001	2008/02/05	15:34:49	000	001	001	000	1	000

Note:

- IN/OUT indication: Only for Access Control with Entry/Exit indication
0x00 : None, 0x01 : Access IN, 0x02 : Access OUT
- Verification Source
0 = None, 1=Finger, 2=Card, 3=C+F, 4=PIN (Password) , 5= F+P, 6= C+P, 7 = C+F+P
- Event/Verify Code
Authentication Success : 0x01, From external WG Reader : 80, Door open too long: 128, Door Closed After Alarm : 129, BYPASS ON: 130, BYPASS OFF: 131, Unauthorized User : 132
Unregistered User : 133, Deactivate User: 134, Expired User: 135, Anti Pass back Reject: 136
Disallowed Door: 137, Door Intruded: 138, Double Badge Control Verification Fail: 139
Tamper Switch Breakdown: 140, Exit Button Pressed: 141, Door Closed Normally: 142
Duress Alarm: 143, Fire Alarm: 144, RESV 1: 145, RESV 2:146, Tamper Switch Close: 147
- Function Key
000 : None
016 to 025: F1, F1+1 to F1+9
032 to 041: F2, F2+1 to F2+9
048 to 057: F3, F3+1 to F3+9
064 to 073: F4, F4+1 to F4+9
- Terminal ID: 001 to 255
- Door No.
000: Main Door, 001 to 009: Door No.1 to No.9