

BF-630X/BF-830X

**Access Control/Time Attendance
WEB SCREEN**

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Chapter 1

Installation



This Chapter covers the summary installation of the BF-630X/BF-830X.

Requirement

- Network cables. Use standard or crossover 10/100BaseT network (UTP) cables with RJ-45 connectors.
- TCP/IP protocol must be installed on PC.
- Hub needed when PC not connect with BF-630X/BF-830X directly.

Procedure

1. PC Connect With BF-630X/BF-830X Directly
Use standard or crossover 10/100BaseT network (UTP) cables with RJ-45 connectors connect with the network card of PC.
2. PC Connect With BF-630X/BF-830X Through Hub
Use standard 10/100BaseT network (UTP) cables with RJ-45 connectors connect PC and BF-630X/BF-830X with Hub separately.
3. Power Up
Connect DC 12~24 V/ 1 A power adapter with BF-630X/BF-830X.
Please be careful of the connection by positive pole and negative pole.
Use different specification power adapter may cause hardware damaged or Unstable.

Chapter 2

Web Setup Description



This Chapter provides Web Setup details of BF-630X/BF-830X.

Login Web

BF-630X/BF-830X contains an HTTP server inside. This enables you to connect and configure it by using your Web browser.

Preparation

Before setting BF-630X/BF-830X, please make sure of that:

- PC can establish a physical connection to BF-630X/BF-830X. PC and BF-630X/BF-830X must be on the same LAN segment.
- BF-630X/BF-830X must be installed and powered ON.
- If BF-630X/BF-830X's default IP Address (192.168.0.66) already used for another device, the other device must be turned OFF until BF-630X/BF-830X assign a new IP Address.

Use Web Browser

1. Start Web browser.
2. In the Address box, enter "http://" and the IP Address of BF-630X/BF-830X. For example, which uses the BF-630X/BF-830X's default IP Address:
http://192.168.0.66.

If the connection failure

If BF-630X/BF-830X does not respond, check as following:

- BF-630X/BF-830X installed correct or not, LAN and power connected normal or not. You can test the connection by using the "Ping" command:
 - ◆ Open the MS-DOS window or command prompt window.
 - ◆ Enter the command:
ping 192.168.0.66
If no response received, it describes either the connection not worked, or your PC's IP Address not compatible with BF-630X/BF-830X's IP Address. (See next item)
- If your PC used a fixed IP Address, that IP Address must be within the range 192.168.0.1 to 192.168.0.65 or 192.168.0.67 to 192.168.0.254, than it can be compatible with BF-630X/BF-830X's default IP 192.168.0.66. Also, the Subnet Mask must be set to 255.255.255.0.

1. Ensure that PC and BF-630X/BF-830X are on the same network segment

Home Screen

After finishing installation and connection, you will see the Home screen. This screen will appear during connection in the future.

An example screen is shown below.

The screenshot shows a web interface for a device. On the left is a dark sidebar menu with a '630' logo and a 'Search Employee' field. The main content area is titled 'TERMINAL STATUS' and contains two tables: 'System Status' and 'Ethernet Status'. The sidebar menu includes sections for 'User Administration', 'Terminal', 'Access Control', and 'Tools'.

System Status	
Product Name :	BF-630-E
Firmware Version :	0.07.00, Feb 4 2008
System Time :	02/19/2008 17:56:52 GMT+00
Terminal ID :	1
Description :	
Standalone / FP Reader Only :	Standalone
Registered User :	0
Log Count :	0
Anti-Pass-Back :	Disable
Weigand Format :	WG34
Weigand Output :	Disable
Anti-Duress :	Disable

Ethernet Status	
MAC Address :	00:0e:e3:00:00:0f
IP Address :	192.168.2.222
Subnet mask :	255.255.255.0
Default Gateway :	192.168.2.1
Primary DNS :	168.95.1.1

Figure 1 : Home Screen

DATA — Home Screen

- You can navigate by using the menu bar on the left of the screen and the “Back” button on your Browser.

Search Employee	
By Card ID	Search employee by card ID.

By Employee ID	Search employee by employee ID.
By Last Name	Search employee by last name.

Operate process:

Choose the way to search (card ID/employee ID/last name), move mouse front to the item you want to choose, push the left button of mouse.

Enter query number in the column.

Push button "GO" to operate.

User Administration	
Access Log	Change to the screen of log browse.
Daily First IN/Last OUT	Change to the screen of employee first in/last out of today.
View User List	Change to the screen of registered user browse, can modify 、delete 、active and deactivate user.
Add Employee	Change to the screen of add user.
Designation List	Change to the screen of designation list.
Department List	Change to the screen of department list.
Terminal	
System Log	Change to the screen of system log browse.
Terminal Status	Change to the screen of terminal information browse (Home Screen).
Administrator Setup	Change to the screen of administrator and user password configuration.
Terminal Setup	Change to the screen of terminal configuration.
Communication Setting	Change to the screen of communication configuration.
DDNS Setup	Change to the screen of DDNS configuration.
Clock Setup	Change to the screen of Date/Time configuration.
Fkey Auto Trigger	Change to the screen of IN/OUT trigger configuration.
Func. Key Setup	Change to the screen of function key configuration.
Access Control	
Time Set	Change to the screen of time configuration.
Time Zone Setup	Change to the screen of time zone configuration.
Group List	Change to the screen of group configuration.
Holiday Setup	Change to the screen of holiday configuration.
Door Setup	Change to the screen of door configuration.
Door Status	Change to the screen of door status browse.

Door Remote Control	Change to the screen of security bypass configuration.
Event Handle	Change to the screen of event handle.
Tools	
Attendance Report(XLS)	Change to the screen of attendance report.(Excel format)
Exports(TXT)	Change to the screen of log export.(Text format)
Exports(XLS)	Change to the screen of log export.(Excel format)
Backup	Change to the screen of user's data backup.
Restore/Import	Change to the screen of user's data restore/import.
Device Admin	Change to the screen of device administration.
Reboot	Change to the screen of reboot.
Upgrade Firmware	Change to the screen of firmware upgrade.
Reset	Change to the screen of delete all data.
Button	
SEARCH	Run employee search and show the result.

User Administration

Access Log

Use the “Access Log” link on the menu bar to reach the “Access Log” screen. The example screen is shown below.

ACCESS LOG

Query	User/Card ID	Terminal ID	Dep.	FKey	NUM.	From/To (mm/dd/yyyy)				
	<input type="text"/>	<input type="text"/>	All ▾	All ▾	None ▾	2 ▾	20 ▾	2008 ▾ -- 2 ▾	20 ▾	2008 ▾
<input type="button" value="GO"/>										

No.	Card ID	Employee ID	Name	Date	Time	Terminal	IN/OUT	Door
21 .	0001968553	---	---	02/20/2008	00:37:52	---	IN	MAIN
22 .	0001968553	---	---	02/20/2008	00:37:39	---	IN	MAIN
23 .	0001968553	---	---	02/20/2008	00:37:35	---	IN	MAIN
24 .	0001968553	---	---	02/20/2008	00:35:56	---	IN	MAIN
25 .	0001968553	---	---	02/20/2008	00:35:49	---	IN	MAIN
26 .	0001968553	---	---	02/20/2008	00:35:41	---	IN	MAIN
27 .	0001968553	---	---	02/20/2008	00:35:03	---	IN	MAIN

Total 27 Record(s) << [First](#) | [Prev 10](#) | [1 2](#) | [Next 10](#) | [End](#) >>

Figure 2 : Access Log Screen

DATA — Access Log Screen

Query	
User/Card ID	Enter user/card ID to search
Terminal ID	Enter terminal ID to search
Dep.	Choose the department to search, move mouse to “v” and push the left button of mouse, it will show all department list for you to choose.
FKey	Choose the function key to search, move mouse to “v” and push the left button of mouse, it will show all function key list for you to choose.
NUM.	Choose the function key number to search, move mouse to “v” and push the left button of mouse, it will show all number key list for you to choose.
From/To (mm/dd/yyyy)	Enter the date period to search.
GO(button)	Operate the log research.

Operate process:

enter and choose the query item in the blank column and list.

Push button “GO” to operate.

Column Description of Record	
No.	Serial number.
Card ID	Card ID, use ID link can reach employee setup screen. If the ID link can't reach employee setup screen, it means the ID was deleted.
Employee ID	Employee ID, “----,----” mean user's employee ID does not input in employee setup.
Name	User's name, “----,----” mean user's name does not input in employee setup.
Date	Date of log.
Time	Time of log.
Terminal	Show terminal's name, “----” mean terminal's name does not input in terminal setup.
IN/OUT	Show the function key which user enter. IN: None or enter F1 \ OUT: Enter F2 \ F3: Enter F3 \ F4: Enter F4. The field is also related with IN/OUT Trigger Setup and Function Key Setup.
Door	Main means the door control by BF-630X/BF-830X.
First	Link to first page of logs.
Prev 10	Move to previous 10 pages of logs.
1 2 3...N	Link to indicate page of logs.
Next 10	Move to next 10 pages of logs.
End	Link to last page of logs.

Daily First IN/Last OUT

Use the “Daily First IN/Last OUT” link on the menu bar to reach the “Daily First IN/Last OUT” screen. The example screen is shown below.

Daily First IN/Last OUT						
No.	Card ID	Employee ID	Name	Date	First IN	Last OUT
21 .	000000023	---	---	02/20/2008	---	---
22 .	0001968553	---	---	02/20/2008	00:35:03	00:40:21

Total 22 User(s) << [First](#) | [Prev 10](#) | [1 2](#) | [Next 10](#) | [End](#) >>

Figure 3 : Daily First IN/Last OUT Screen

DATA — Daily First IN/Last OUT Screen

Daily First IN/Last OUT	
No.	Serial number.
Card ID	Card ID, use ID link can reach employee setup screen. If the ID link can't reach employee setup screen, it means the ID was deleted.
Employee ID	Employee ID, "----,----" mean user's employee ID does not input in employee setup.
Name	User's name, "----,----" mean user's name does not input in employee setup.
Date	Date of log.
First IN	First enter time log.
Last OUT	Last out time log.
First	Link to first page of Daily First IN/Last OUT logs.
Prev 10	Move to previous 10 pages of Daily First IN/Last OUT logs.
1 2 3...N	Link to indicate page of Daily First IN/Last OUT logs.
Next 10	Move to next 10 pages of Daily First IN/Last OUT logs.
End	Link to last page of Daily First IN/Last OUT logs.

View User List

Use the View User List link on the menu bar to reach the View User List screen. The example screen is shown below.

EMPLOYEE LIST

* F : Fingerprint , P : Password , C : Card

No.	Card ID	Employee ID	Last/First Name	Active	F&P	F	P	F/P	C	F&C	Reg
<input type="checkbox"/> 21.	0000000023	---	---, ---	●	●	●	●	●	●	●	P
<input type="checkbox"/> 22.	0001968553	---	---, ---	●	●	●	●	●	●	●	F

Total 22 User(s) << [First](#) | [Prev 10](#) | [1 2](#) | [Next 10](#) | [End](#) >>

Activate, Deactivate or Delete SELECTED Employee

Figure 4 : View User List Screen

DATA – View User List Screen

EMPLOYEE LIST	
No.	Serial number. If you want to active 、 deactivate or delete user please click check box on the left of serial number.
Card ID	Card ID link can reach employee setup screen.(Figure 5)
Employee ID	Employee ID. “----” mean user’s employee ID does not input in employee setup.
Last/First Name	Name of user. “----” mean user’s name does not input in employee setup.
Active	State of active. Green : Active 、 Gray : Deactive.
F&P (BF-630X ONLY)	Green: Fingerprint + Password verify 、 Gray : Other verify.
F (BF-630X ONLY)	Green : Fingerprint verify 、 Gray : Other verify.
P	Green : Password verify 、 Gray : Other verify.
F/P (BF-630X ONLY)	Green : Fingerprint or Password verify 、 Gray : Other verify.
C	Green : Card verify 、 Gray : Other verify.
F&C	Green : Using Fingerprint stored in mifare card for verify 、 Gray : Other verify.
Reg	Show registered data of user. P : Card + Password, C : Card only, F: Card + Fingerprint, FP: Card + Fingerprint + Password.
First	Link to first page of user list.
Prev 10	Move to previous 10 pages of user list.
1 2 3...N	Move to indicate pages of user list.
Next 10	Move to next 10 pages of user list.
End	Link to last page of user list.
Button	
ACTIVATE	Enable authority of selected user.
DEACTIVATE	Disable authority of selected user.
DELETE	Delete selected user.

EMPLOYEE RECORD

Employee Data	
Card/User ID :	<input type="text" value="2"/> (10 Char. Max)
Expire Date Check :	<input checked="" type="radio"/> Disable <input type="radio"/> Enable Valid From <input type="text" value="2008"/> (Y) <input type="text" value="02"/> (M) <input type="text" value="20"/> (D) To <input type="text" value="2008"/> (Y) <input type="text" value="02"/> (M) <input type="text" value="20"/> (D)
Designation :	<input type="text" value="None"/>
Department :	<input type="text" value="None"/>
Employee ID :	<input type="text" value="----"/> (15 Char. Max)
Last Name :	<input type="text" value="----"/> (15 Char. Max)
First Name :	<input type="text" value="----"/> (15 Char. Max)
Group :	<input type="text" value="Free Time Group"/>
Verify Mode :	<input type="text" value="P only"/>
Password :	<input type="password" value="....."/> (6 ~ 10 Char. Max, 0-9)
Confirm :	<input type="text"/>
Status :	<input checked="" type="radio"/> Activate <input type="radio"/> Deactivate
Working Time :	<input type="text" value="00"/> Hour : <input type="text" value="00"/> Minute to <input type="text" value="00"/> Hour : <input type="text" value="00"/> Minute
<input type="button" value="PREVIOUS"/> <input type="button" value="SAVE"/> <input type="button" value="DELETE"/> <input type="button" value="NEXT"/>	

Figure 5 : Modify Employee Record Screen

DATA — Modify Employee Record Screen

Employee Data	
Card/User ID	Card/user ID , can't be modified
Expire Date Check	Choose to enable or disable employee's expire date.
Valid from to	Move mouse icon to "V" and click left button , it will show year, month, date to choose.
Designation	Choose the designation
Department	Choose the department
Employee ID	Enter the employee ID.
Last Name	Last name of user, needs to enter if you want to display employee's last name after verification.
First Name	First name of user, needs to enter if you want to display employee's first name after verification.

Group	Choose the group.
Verify Mode	Choose the way to verify user. Move mouse icon to “V” and click left button, it will show the list for you to choose. F only: fingerprint(BF-630X only), P only: password, F or P: fingerprint or password(BF-630X), F and P: fingerprint+password(BF-630X only), Card, Match on Card:Using Fingerprint stored in mifare card for verify.
Password	Enter user’s verify password.
Confirm	Confirm user’s verify password.
Status	Choose to activate or deactivate user’s right.
Work Time	Enter the start and end work of employee for attendance report. If the employee’s work time from 8AM to 5PM, please enter 08:00 to 17:00.
Button	
Previous	Revise the previous data.
Save	Save modify data.
Delete	Delete the present user.
Next	Revise the next data.

Add Employee

Use the “Add Employee” link on the menu bar to reach the “Add Employee” screen. The example screen is shown below.

EMPLOYEE RECORD

Employee Data	
Card/User ID :	<input type="text" value="777"/> (10 Char. Max)
Expire Date Check :	<input checked="" type="radio"/> Disable <input type="radio"/> Enable Valid From <input type="text" value="2008"/> (Y) <input type="text" value="02"/> (M) <input type="text" value="20"/> (D) To <input type="text" value="2008"/> (Y) <input type="text" value="02"/> (M) <input type="text" value="20"/> (D)
Designation :	<input type="text" value="None"/>
Department :	<input type="text" value="None"/>
Employee ID :	<input type="text"/> (15 Char. Max)
Last Name :	<input type="text"/> (15 Char. Max)
First Name :	<input type="text"/> (15 Char. Max)
Group :	<input type="text" value="Free Time Group"/>
Verify Mode :	<input type="text" value="P only"/>
Password :	<input type="password" value="•••••"/> (6 ~ 10 Char. Max, 0-9)
Confirm :	<input type="text"/>
Status :	<input checked="" type="radio"/> Activate <input type="radio"/> Deactivate
Working Time :	<input type="text" value="00"/> Hour : <input type="text" value="00"/> Minute to <input type="text" value="00"/> Hour : <input type="text" value="00"/> Minute
<input type="button" value="SAVE"/> <input type="button" value="DELETE"/>	

Figure 6: Add Employee Screen

DATA – Add Employee Screen

Employee Data	
Card/User ID	Enter the card/user ID you want to add
Expire Date Check	Choose to enable or disable employee's expire date.
Valid from to	Move mouse icon to "V" and click left button , it will show year, month, date to choose.
Designation	Choose the designation
Department	Choose the department
Employee ID	Enter the employee ID.
Last Name	Last name of user, needs to enter if you want to display employee's last name after verification.
First Name	First name of user, needs to enter if you want to display employee's first name after verification.

Group	Choose the group.
Verify Mode	Choose the way to verify user. Move mouse icon to “V” and click left button, it will show the list for you to choose. F only: fingerprint(BF-630X only), P only: password, F or P: fingerprint or password(BF-630X), F and P: fingerprint+password(BF-630X only), Card, Match on Card:Using Fingerprint stored in mifare card for verify.
Password	Enter user’s verify password.
Confirm	Confirm user’s verify password.
Status	Choose to activate or deactivate user’s right.
Work Time	Enter the start and end work of employee for attendance report. If the employee’s work time from 8AM to 5PM, please enter 08:00 to 17:00.
Button	
Save	Save add data.

Designation List

Use the “Designation List” link on the menu bar to reach the “Designation List” screen. The example screen is shown below.

Designation List

No.	Designation		No.	Designation	
1	Executive	DELETE	2	salesman	DELETE
3	Engineer	DELETE			

Add New Designation : (Max 16 chars)

Figure 7: Designation List Screen

DATA — Designation List Screen

Designation setup	
Designation	Show added designation. Use designation link can check all employees’ data in that designation.
Add New Designation	Enter designation which you want to add.
Button	
Delete	Delete added designation.

Add	Add new designation.
------------	----------------------

Department List

Use the “Department List” link on the menu bar to reach the “Department List” screen. The example screen is shown below.

Department List

No.	Department		No.	Department	
1	Account Dept.	DELETE	2	R&D Dept.	DELETE
3	Engineering Dpt	DELETE			

Add New Department : (Max 15 chars)

Figure 8: Department List Screen

DATA — Department List Screen

Department setup	
Department	Show added department. Use department link can check all employees' data in that department.
Add New Department	Enter department which you want to add.
Button	
Delete	Delete added designation.
Add	Add new designation.

Terminal

System Log

Use the “System Log” link on the menu bar to reach the “System Log” screen. The example screen is shown below.



The screenshot shows a web interface titled "SYSTEM LOG". Below the title is a table with four columns: "No.", "Date", "Time", and "Description". The table contains 23 rows of log entries, alternating between light blue and light gray backgrounds. The entries include system operations such as setting time and date from a web interface, syncing time servers, terminal logins, system warm starts, and resets.

No.	Date	Time	Description
1 .	02/20/2008	12:20:50	Set Time(20:19:00) from Web
2 .	02/20/2008	12:20:50	Set Date(08:02:00) Day(3) from Web
3 .	02/20/2008	11:04:32	Sync Time Server(time.windows.com) Success
4 .	02/20/2008	07:52:03	Terminal Login by Normal Password
5 .	02/20/2008	04:00:29	Sync Time Server(time.windows.com) Success
6 .	02/20/2008	00:41:31	Terminal Login by Normal Password
7 .	02/20/2008	00:34:26	Terminal Login by Normal Password
8 .	02/20/2008	00:33:57	Terminal Login by Normal Password
9 .	02/19/2008	10:58:29	Sync Time Server(time.windows.com) Success
10 .	02/19/2008	10:57:35	Sync Time Server(time.windows.com) Success
11 .	02/19/2008	10:57:25	System Warm Start
12 .	02/19/2008	10:54:36	Sync Time Server(time.windows.com) Success
13 .	02/19/2008	10:54:27	System Warm Start
14 .	02/19/2008	10:54:22	Req Time Server(time.windows.com) IP Fail
15 .	02/19/2008	03:55:56	Sync Time Server(time.windows.com) Success
16 .	02/19/2008	03:55:46	System Warm Start
17 .	02/19/2008	03:55:46	Reset to Default from Terminal
18 .	02/19/2008	03:55:46	Terminal Login by Reset Password
19 .	02/19/2008	03:55:42	Reset Group/TZ/TS/HD from Terminal
20 .	02/19/2008	03:55:36	Del All Access Log from Terminal
21 .	02/19/2008	03:55:33	Del All User from Terminal
22 .	02/19/2008	03:55:31	Terminal Login by Normal Password
23 .	02/19/2008	03:53:52	Sync Time Server(time.windows.com) Success

Figure 9: System Log Screen

DATA — System Log Screen

System Log : Record system operation or parameter alter executed by user	
No.	Serial number.
Date	Operation Run Date
Time	Operation Run Time
Description	Describe Enter system operator WEB logon password.

Terminal Status

Use the “Terminal Status” link on the menu bar to reach the “Terminal Status” screen. That screen is home screen, it shows the present status of terminal and the information of network setting. Please see the description of home screen.

Administrator Setup

Use the “Administrator Setup” link on the menu bar to reach the “WEB Logon Setting” screen. The example screen is shown below.

WEB Logon Setting

Administrator WEB Logon User Name : (47 Char. Max)

Administrator WEB Logon Password : (35 Char. Max)

Operator WEB Logon User Name : (47 Char. Max)

Operator WEB Logon Password : (35 Char. Max)

Terminal Logon Password : (must be 6 digits)

Assign Administrator(max 5 ID) :

(Administrator must be enrolled with FP,the terminal password will be useless when admin ID is assigned)

Figure 10: Administrator Setup Screen

DATA — Administrator Setup Screen

Password Configuration	
Administrator WEB Logon User Name	Enter system administrator WEB logon user name.
Administrator WEB Logon Password	Enter administration web logon password.
Operator WEB Logon User Name	Enter operator WEB logon user name.
Operator WEB Logon Password	Enter system operator WEB logon password.
Terminal Logon Password	Enter terminal logon password
Assign Administrator	Enter administrator ID..

REMARK:

If you assign administrator ID, you can not use terminal logon password to enter the management menu of Terminal.

Assigned administrator needs to follow the verification method to enter the management menu of Terminal.

Button

Save

Save configure data.

Administrator and operator

The difference between administrator and operator is the right limit, administrator can execute all functions of web setting, but operator can't execute following function.

Administrator Setup, Terminal Setup, Communication Setting, Door Setup, Event Handle, Device Admin, Upgrade Firmware.

Terminal Setup

Use the “Terminal Setup” link on the menu bar to reach the “TERMINAL CONFIGURATION” screen. The example screen is shown below.

TERMINAL CONFIGURATION

Terminal Setting :	Terminal ID : <input style="width: 150px;" type="text" value="1"/>
	Title On LCD : <input style="width: 150px;" type="text"/>
	Description : <input style="width: 150px;" type="text"/>
FP Security Level :	<input style="width: 50px;" type="text" value="2"/> (Default: 2)
FP Verification Mode :	<input checked="" type="radio"/> 1:N <input type="radio"/> 1:1
Duplicate FP Enrolled :	<input type="radio"/> Allowed <input checked="" type="radio"/> Disallowed
Working Behavior :	<input checked="" type="radio"/> Standalone <input type="radio"/> FP Reader Only
Wiegand Format :	<input style="width: 50px;" type="text" value="34 Bits"/> (Default: 34 Bits)
Wiegand Output :	<input type="radio"/> ENABLE <input checked="" type="radio"/> DISABLE
	Output Format : <input style="width: 50px;" type="text" value="26 Bits"/> (Default: 26 Bits)
Maintenance Time :	Daily <input style="width: 30px;" type="text" value="4"/> (H) : <input style="width: 30px;" type="text" value="0"/> (M)(24Hr format)
Card ID Display Format :	<input checked="" type="radio"/> Raw Data <input type="radio"/> Facility Code+ID
Double Clock IN Control :	<input type="radio"/> ENABLE <input checked="" type="radio"/> DISABLE
	After The Last Verified Scan <input style="width: 50px;" type="text" value="0"/> (seconds, Maximum is 86400)
Disable Key-In ID :	<input type="radio"/> YES <input checked="" type="radio"/> NO
Illegal Access Event :	<input type="radio"/> RECORDED <input checked="" type="radio"/> IGNORED
Allowed Late IN Limit :	<input style="width: 50px;" type="text" value="0"/> (minute,Maximum is 255)
Function Key Trigger Mode :	<input type="radio"/> Manual <input checked="" type="radio"/> Auto
LCD Sleep Time :	<input style="width: 50px;" type="text" value="1"/> (0-255 minute)

Terminal may need to restart after configuration saved.

Figure 11: Terminal Configuration Screen

DATA — Terminal Configuration Screen

Terminal Setting	
Terminal ID	Set terminal ID of BF-630X/BF-830X, please notice terminal ID cannot repeat if you set BF-630X as fingerprint reader of BF-660X/BF-670X.
Title On LCD	Set LCD title of BF-630X/BF-830X.
Description	Enter terminal description.

FP Security Level(BF-630X series)

Set BF-630X fingerprint security level.

1 ~ 5 : 1(low) -----> 5(high)

Auto Normal(630X only) : BF-630X decides security level itself by the total amount of registered users in normal situation.

Auto Secure(630X only) : BF-630X decides security level itself by the total amount of registered users in security situation.

FP Verification Mode

Set the fingerprint verification mode of BF-630X

1:N--- user does not need to enter the card ID or verify card before put the fingerprint.

1:1--- user need to enter the card ID or verify card before put the fingerprint.

Duplicate FP Enrolled

Set if you can register same fingerprint or not.

Working Behavior

Set BF-630X to work standalone (Verify by itself) or as a fingerprint reader of BF-660X/BF-670X.

Wiegand Format

Set the format of wiegand input (26 bits or 34 bits).

Wiegand output

Enable and disable wiegand output and choose output format (26 bits or 34 bits)

Maintenance Time

Set system maintenance time everyday, possibly set the time that no one using system.

Card ID Display Format

Choose card ID display format

Double Check IN control

This function works on Access Control be disable, suitable for Time Attendance and allow verification only one time in specific period.

Max. is 86400 seconds.

Disable Key-in ID

Enable or disable to enter card ID by using the keypad.

Illegal Access Event

Choose if you want to record the log of fail verification.

Allowed late IN Limit

Allowed the last in limit time, this setting will effect the attendance report.

Function Key Trigger Mode

Manual: keep function status that last user pushed until other function be pushed. For example, the first user press "F1" and if the next user also need to press "F1", then he does not need to press "F1" because the function key status already keep on the last users status.

Auto: system can judge itself for the setting of "IN/OUT TRIGGER SETUP" and "Function Key Setup".

LCD Sleep Time

Set the time to turn off of LCD backlight.

Button

Save	Save configure data.
-------------	----------------------

Communication Setting

Use the "Communication Setting" link on the menu bar to reach the "Communication Setting" screen. The example screen is shown below.

COMMUNICATION SETTING

Net Mode	TYPE: STATIC IP <input type="button" value="v"/>
IP Address	<input type="text" value="192"/> . <input type="text" value="168"/> . <input type="text" value="2"/> . <input type="text" value="222"/>
Subnet Mask	<input type="text" value="255"/> . <input type="text" value="255"/> . <input type="text" value="255"/> . <input type="text" value="0"/>
Default Gateway IP	<input type="text" value="192"/> . <input type="text" value="168"/> . <input type="text" value="2"/> . <input type="text" value="1"/>
DNS Server IP	<input type="text" value="168"/> . <input type="text" value="95"/> . <input type="text" value="1"/> . <input type="text" value="1"/>
Operation Mode (Software Used)	
Connection Mode	TCP SERVER <input type="button" value="v"/>
Port Number	<input type="text" value="2000"/>
WEB Managemant Port	
Http Port Management	<input type="radio"/> UNBLOCK(80) <input checked="" type="radio"/> BLOCK <input type="text" value="20000"/>
Access Key(Software Used)	
	<input checked="" type="radio"/> Disable <input type="radio"/> Enable <input type="text" value="00"/> : <input type="text" value="00"/> : <input type="text" value="00"/> : <input type="text" value="00"/> : <input type="text" value="00"/> : <input type="text" value="00"/>

Figure 12: Communication Setting Screen

DATA – Communication Setting Screen

Net Mode : Select IP obtain method (Static IP 、 PPPoE 、 DHCP CLIENT)	
IP Address	Set IP address of BF-630X.
Subnet Mask	Set subnet mask of BF-630X.
Default Gateway IP	Needs to enter gateway IP if connects via VPN.
DNS Server IP	Enter DNS server IP.
Operation Mode(Software Used)	
Connection Mode	Set connection mode with software.(TCP Server 、 UDP Server)
Port Number	Set communication port between TCP/IP and software.
Web Management Port	
HTTP Port Management	Revise BF-630X HTTP port. 2000, 5850, 5851 already used for system, please avoid these three numbers and the port number used for windows. If the number what you set not 80, than you need to add “:” and port number next time. (ex. http://192.168.0.66:5000)
Access Key(Software Used)	
Enable or Disable Access Key to limit software to access data	
Button	
Save	Save configuration data.

DDNS Setup

Use the “DDNS Setup” link on the menu bar to reach the “DDNS Setup” screen. The example screen is shown below. About how to sign up a DDNS name please refer to Appendix A.

DDNS Setup

DDNS Service :	<input style="width: 90%;" type="text" value="Disabled"/>
Current Status :	DDNS function is disabled

Figure 13: DDNS Setup Screen<—>

DDNS Setup

DDNS Service :	<input type="text" value="DynDNS (www.dyndns.org)"/>
Username :	<input type="text"/> (max 31 chars)
Password :	<input type="text"/> (max 31 chars)
Device DNS Name :	<input type="text"/> (ex. hostname.dyndns.org)
Registry IP Address :	0.0.0.0
Current Status :	DDNS function is disabled
<input type="button" value="SET"/>	

Figure 14: DDNS Setup Screen<=>

DATA — DDNS Setup Screen

DDNS SETUP	
DDNS Server	Disable DDNS Server or select a DDNS Server
Username	Enter user name that you register in DDNS provider
Password	Enter password that you register in DDNS provider
Device DNS Name	Enter Domain name that you register in DDNS provider
Registry IP Address	Display current IP that assign to DNS
Current Status	Display current DDNS status
Button	
Set	Save DDNS setting.

Clock Setup

Use the “Clock Setup” link on the menu bar to reach the “Clock Setup” screen. The example screen is shown below.

Figure 15: Clock Setup Screen

DATA — Clock Setup Screen

SYSTEM CLOCK SETUP	
Time Server	Enable or Disable adjusting time from Time Server. If enable the function then network timer server is required. BF-630X can adjust time automatically itself through the network time server.
Time Zone	Choose time zone.
Button	
Save	Save time server and time zone setting.
Date	The present date of connected PC.
Time	The present time of connected PC.
Button	
Save	Save new date/time.

IN/OUT Trigger Setup

Use the “Fkey Auto Trigger” link on the menu bar to reach the “IN/OUT Trigger Setup” screen. The example screen is shown below.

IN/OUT TRIGGER SETUP

Function Key	IN(HH:MM)	OUT(HH:MM)	
F1	08 : 30	12 : 00	DELETE
F2	13 : 00	17 : 30	DELETE
F3	18 : 30	21 : 30	DELETE
F4	22 : 00	23 : 59	DELETE
F1 + 1	00 : 00	06 : 00	DELETE

Function Key : Number : IN H : M -- OUT H : M

Figure 16: IN/OUT Trigger Setup Screen

DATA – IN/OUT Trigger Setup Screen

IN/OUT Trigger Setup	
Function Key	Choose function key. (F1~F4)
Number	Choose function key number. (1~9)
IN~OUT	IN: enter start time. OUT: enter end time.
Description :	
In/out trigger setup will effect the “IN/OUT” column of log and the LCD display of BF-630X/BF-830X (The definition of function key also effects IN/OUT column of log.).	
Button	
Delete	Delete configurated time.
Add	Add new time.

Func. Key Setup

Use the “Func. Key Setup” link on the menu bar to reach the “Function Key Setup” screen. The example screen is shown below.

Function Key Setup

Function Key	Define		Function Key	Define	
F1	work 1	DELETE	F2	off 1	DELETE
F3	work 2	DELETE	F4	off 2	DELETE
F1 + 1	over time work	DELETE	F1 + 2	over time off	DELETE

Function Key :

Number :

Define : (max 15 chars)

Figure 17: Function Key Setup Screen

DATA — Function Key Setup Screen

Function Key Setup	
Function Key	Choose function key. (F1-F4)
Number	Choose function key number. (1-9)
Define	Enter the description of definition function key.
Button	
Delete	Delete configured function key.
Set	Save definition function key.

Access Control

Time Setup

Use the “Time Set” link on the menu bar to reach the “Time Set” screen. The example screen is shown below.

Time Set

Time Set List :

000	00:00 ~ 00:00		001	00:00 ~ 23:59	
002	08:30~12:00	DELETE	003	13:00~17:30	DELETE
004	18:30~21:30	DELETE	005	22:00~23:59	DELETE
006	00:00~06:00	DELETE			

Time Set : 007 From 00 H : 00 M To 23 H : 59 M SET

Figure 18: Time Set Screen

DATA — Time Set Screen

Time Set	
Time Set	Choose time number, 000 and 001 are system set inside.
From -To	Enter start/end time. For example, if you want to set 8am to 5pm, please enter 08:00 to 17:00.
Button	
Delete	Delete configured time.
Set	Add new time period.

Description of Time Set

This function sets the time of in/out or Time & attendance.

Time Zone Setup

Use the “Time Zone Setup” link on the menu bar to reach the “Time Zone Setup” screen. The example screen is shown below.

Time Zone List

Time Zone List :

000	Deactivate		001	Any Time	
002	Time Zone 1	DELETE	003	Time Zone 2	DELETE

Time Zone ID : 004

SET

Figure 19: Time Zone Setup Screen

DATA – Time Zone Setup Screen

Time Zone Setup	
Time Zone ID	Choose time zone number, 000 and 001 are system set inside.
Time Zone Name	Click time zone Name can link to time zone setup screen.
Button	
Delete	Delete configured time zone.
Set	Enter time zone setup screen.

Description of Time Zone Setup

This function sets the time to enter from Monday to Sunday and holiday.

Time Zone Information -- 002

Time Zone Name : (15 Char. Max)

Monday :	<input type="text" value="002 -- 08:30 ~ 12:00"/>	<input type="text" value="000 -- 00:00 ~ 00:00"/>	<input type="text" value="000 -- 00:00 ~ 00:00"/>
Tuesday :	<input type="text" value="002 -- 08:30 ~ 12:00"/>	<input type="text" value="000 -- 00:00 ~ 00:00"/>	<input type="text" value="000 -- 00:00 ~ 00:00"/>
Wednesday :	<input type="text" value="002 -- 08:30 ~ 12:00"/>	<input type="text" value="000 -- 00:00 ~ 00:00"/>	<input type="text" value="000 -- 00:00 ~ 00:00"/>
Thursday :	<input type="text" value="002 -- 08:30 ~ 12:00"/>	<input type="text" value="000 -- 00:00 ~ 00:00"/>	<input type="text" value="000 -- 00:00 ~ 00:00"/>
Friday :	<input type="text" value="002 -- 08:30 ~ 12:00"/>	<input type="text" value="000 -- 00:00 ~ 00:00"/>	<input type="text" value="000 -- 00:00 ~ 00:00"/>
Saturday :	<input type="text" value="002 -- 08:30 ~ 12:00"/>	<input type="text" value="000 -- 00:00 ~ 00:00"/>	<input type="text" value="000 -- 00:00 ~ 00:00"/>
Sunday :	<input type="text" value="000 -- 00:00 ~ 00:00"/>	<input type="text" value="000 -- 00:00 ~ 00:00"/>	<input type="text" value="000 -- 00:00 ~ 00:00"/>
Holiday :	<input type="text" value="000 -- 00:00 ~ 00:00"/>	<input type="text" value="000 -- 00:00 ~ 00:00"/>	<input type="text" value="000 -- 00:00 ~ 00:00"/>

SAVE CANCEL

Figure 20: Time Zone Information Screen

DATA – Time Zone Information Screen

Time Zone Information	
Time Zone Name	Enter time zone name.
Day	Choose set time everyday, at most set 3 times.
Holiday	Choose set time on holiday, at most set 3 times.
Button	
Save	Save time zone information.
Cancel	Cancel time zone information set/revise.

Group List

Use the “Group List” link on the menu bar to reach the “Group List” screen. The example screen is shown below.

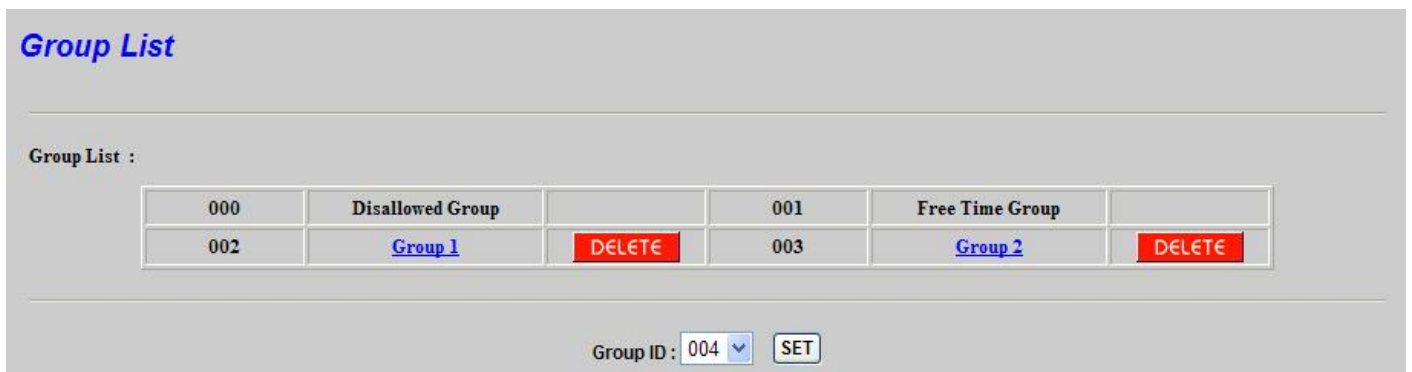


Figure 21: Group List Screen

DATA – Group List Screen

Group List	
Group ID	Choose group number, 000 and 001 are system set inside.
Group Name	Click group name can link to group set up screen.
Button	
Delete	Delete configured group.
Set	Enter group setup screen.

Group Information

Group Name :	<input type="text" value="Group 1"/> (15 Char. Max)
Time Zone ID :	<input type="text" value="002 Time Zone 1"/>
Allowed Door :	<input checked="" type="checkbox"/> Main

Figure 22: Group Information Screen

DATA – Group Information Screen

Group Information	
Group Name	Enter group name.
Time Zone ID	Set time zone of that group.
Allow Door	Choose the door for that group.
Button	
Save	Save group information.
Cancel	Cancel the setting of group information or revise it.

Holiday Setup

Use the “Holiday Setup” link on the menu bar to reach the “Holiday Setup” screen. The example screen is shown below.

Holiday setup

<input type="text" value="01"/> M / <input type="text" value="01"/> D	<input type="text" value=""/>	Comment (20 Char. Max)	<input type="button" value="ADD"/>		
Holiday List :					
<input type="text" value="01 / 01"/>	<input type="text" value="New Year"/>	<input type="button" value="DELETE"/>	<input type="text" value="12 / 25"/>	<input type="text" value="Christmas"/>	<input type="button" value="DELETE"/>

Figure 23: Holiday Setup Screen

DATA – Holiday Setup Screen

Holiday Setup	
Month/Date	Choose holiday.
Holiday Name	Enter holiday name.
Button	
Add	Add holiday.
Delete	Delete configured holiday.

Door Setup

Use the “Door Setup” link on the menu bar to reach the “Door Setup” screen. The example screen is shown below.

Door Setting

DOOR ACCESS SETUP

ANTI PASS BACK :	<input type="radio"/> Enable <input checked="" type="radio"/> Disable Tolerance Timer : <input type="text" value="0"/> (Minute, Maximum 65535, 0 means No Tolerance)
Anti-Duress :	<input type="radio"/> Enable <input checked="" type="radio"/> Disable
Anti-Duress Password :	<input type="password"/> (Max 3 digits,default is 9)

[Door Properties](#)

Location	
APB IN/OUT	0/0

Figure 24: Door Setup Screen

DATA – Door Setup Screen

Door Setting	
Anti pass back	Enable or disable the anti-pass back function.
Tolerance Time	Set the time that the user restricted can enter again next time
Anti-Duress	Enable or disable Anti-Duress function.
Anti-Duress password	Enter Anti-Duress password
Door Properties	Choose it can link to door Setting screen
Location	Description of the door.
APB IN/OUT	Show the security level of in/out device on every door.

Description :

Anti pass back: This function restrict to the user in/out by same door

Anti-Duress: Enabled this function BF-630X/BF-830 will act the BF-20's relay set at Event Handle when user enter anti-duress password before verification.

Button	
SET	Save the setting data.

Setting

DOOR - MAIN

Location

Finger + Pin Time Zone : 000 Deactivate ▾

Card + Pin Time Zone : 000 Deactivate ▾

Relay Trigger : Built IN ▾

Lock Release Time Zone : 000 Deactivate ▾

Exit Button Time Zone : 000 Deactivate ▾

Double Badge Control Time Zone : 000 Deactivate ▾ Applied on Both ▾

Anti Pass Back Level : IN : NONE ▾ OUT : NONE ▾

Lock Release Time : 10 Sec (1 - 255, 10 = factory default)

Door Open Delay Time : 10 Sec (1 - 255, 10 = factory default)

Access Log : Recorded ▾

SET

Figure 25: Main Door Setting Screen

Main Door	
Location	Enter description of main door.
Finger+Pin Time Zone	Choose time zone to verify by fingerprint + password.
Card+Pin Time Zone	Choose time zone to verify by card + password.
Relay Trigger	Choose to use BF-630X/BF-830X built in relay trigger or connect BF-20 outside to control.
Lock Release Time Zone	Choose unlock time zone.
Exit Button Time Zone	Choose exit button time zone.
Double badge control time zone	Choose the time zone that needs 2 users to verification.

Anti Pass Back Level	IN: Set this exit level. OUT: Set next exit level.
Lock Release Time	Set lock release time. The default time is 10 seconds.
Door Open Delay Time	Set door open delay time, need collocate with BF-20. The default time is 10 seconds.
Access Log	Choose to record the access log or not.
Button	
Set	Save the data

Door Status

Use the “Door Status” link on the menu bar to reach the “Door Status” screen. The example screen is shown below.

Door Status				
Door No.	Location	Door Sensor	Statistic Today	
		(For BF20 Only)	IN	OUT
Main Door		---	0	0

Figure 26: Door Status Screen

DATA — Door Status Screen

Door Status	
Door No.	The door controlled by BF-630X/BF-830X, choose it can link to door in/out statistics. (Separate from an hour.)
Location	Description of the door.
Door Sensor	Show door status controlled by BF-20.
Statistic Today	Show the statistic today of the door.

Door IN/OUT Statistic

Main Door

0 ~ 11(Hour)	0	1	2	3	4	5	6	7	8	9	10	11
IN	0	0	0	0	0	0	0	0	0	0	0	0
OUT	0	0	0	0	0	0	0	0	0	0	0	0

12 ~ 23(Hour)	12	13	14	15	16	17	18	19	20	21	22	23
IN	0	0	0	0	0	0	0	0	0	0	0	0
OUT	0	0	0	0	0	0	0	0	0	0	0	0

Figure 27: Door IN/OUT Statistic Screen

Door Remote Control

Use the “Door Remote Control” link on the menu bar to reach the “Security Bypass” screen. The example screen is shown below.

Security Bypass

Main Door Security ON

Security ON

Security OFF

Figure 28: Security Bypass Screen

DATA — Security Bypass Screen

Security Bypass	
Security ON	Turn on main door control, only in/out after verify success.
Security OFF	Turn off main door control. The door open.

Event Handle

Use the “Event Handle” link on the menu bar to reach the “Event Handle” screen. The example screen is shown below.

Event Trigger on BF20's Relay No.(Only for BF20-E)

Event Type			
Door Open too Long :	None <input type="button" value="v"/>	Hold Time :	<input type="text" value="3"/>
Unauthorized Badge :	None <input type="button" value="v"/>	Hold Time :	<input type="text" value="3"/>
(Including Unregister/Expired/Deactivate/Wrong TZ,Door)			
Anti Passback Reject :	None <input type="button" value="v"/>	Hold Time :	<input type="text" value="3"/>
Intruded Door :	None <input type="button" value="v"/>	Hold Time :	<input type="text" value="0"/>
Tamper Switch Breakdown :	None <input type="button" value="v"/>	Hold Time :	<input type="text" value="0"/>
Anti Duress :	None <input type="button" value="v"/>	Hold Time :	<input type="text" value="0"/>

Hold Time range from 0 to 255 seconds,0 means unlimited

Figure 29: Event Handle Screen

DATA — Event Trigger on BF-20's Relay No.(only for BF-20-E)

Event Type	
Door open too long	Set the relay number and time if the door does not close in specific time.
Unauthorized Badge	Set the relay number and time if the verification failed.
Anti Passback Reject	Set the relay number and time if anti pass back rejected.
Intruded door	Set the relay number and time if the door opened by force.
Tamper Switch Breakdown	Set the relay number and time if the tamper switch touched.
Anti Duress	Set the relay number and time if the user verify with duress.

Tools

Attendance Report(XLS)

Use the “attendance report (XLS)” link on the menu bar to reach the “attendance report (XLS)” screen. The example screen is shown below.

Attendance Report

All Employee
 Specified Employee ID :

From/To (mm/dd/yyyy) : 2 1 2008 -- 2 29 2008

EXPORT

Figure 30: Attendance Report(XLS) Screen

DATA — Attendance Report(XLS) Screen

Operate procedure

Choose all employees or specified employee.

If you choose specified employee, please enter employee ID in the column.

Enter the time period.

Push “export” button.

Choose the location you want to save.

Description

Choose all employees can only count the data in one day, and choose specified employee can count the attendance date in many days.

Figure 31 is the attendance report of card ID No. 1 employee , the work time is 08:30~17:30.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Day	Date	Employee	Name	Card ID	IN	OUT	Late IN	Early Leav	Working Hours				
2	THU	3/1/2007	1	----	1	8:11	17:43	0:00	0:00	9:32				
3	FRI	3/2/2007	1	----	1	8:10	17:34	0:00	0:00	9:24				
4	SAT	3/3/2007	1	----	1	8:11	17:33	0:00	0:00	9:22				
5	MON	3/5/2007	1	----	1	8:18	17:45	0:00	0:00	9:27				
6	TUE	3/6/2007	1	----	1	8:15	17:41	0:00	0:00	9:26				
7	WED	3/7/2007	1	----	1	8:06	10:31	0:00	6:59	2:25				
8	THU	3/8/2007	1	----	1	8:04	17:38	0:00	0:00	9:34				
9	FRI	3/9/2007	1	----	1	8:13	17:40	0:00	0:00	9:27				
10	MON	3/12/2007	1	----	1	8:16	--:--	0:00	----	--:--				
11	TUE	3/13/2007	1	----	1	8:15	17:33	0:00	0:00	9:18				
12	WED	3/14/2007	1	----	1	8:14	17:33	0:00	0:00	9:19				
13	THU	3/15/2007	1	----	1	8:13	--:--	0:00	----	--:--				
14	MON	3/19/2007	1	----	1	8:15	17:36	0:00	0:00	9:21				
15	TUE	3/20/2007	1	----	1	8:13	17:39	0:00	0:00	9:26				
16	WED	3/21/2007	1	----	1	8:18	17:38	0:00	0:00	9:20				
17	THU	3/22/2007	1	----	1	8:11	17:39	0:00	0:00	9:28				
18	FRI	3/23/2007	1	----	1	8:14	--:--	0:00	----	--:--				
19	MON	3/26/2007	1	----	1	8:02	17:30	0:00	0:00	9:28				
20	TUE	3/27/2007	1	----	1	8:13	17:35	0:00	0:00	9:22				
21	THU	3/29/2007	1	----	1	8:15	17:37	0:00	0:00	9:22				
22	FRI	3/30/2007	1	----	1	8:12	17:37	0:00	0:00	9:25				
23	Total							0:00	6:59	162:26:00				

Figure 31:Attendance(XLS)

Exports (TXT)

Use the “Exports (TXT)” link on the menu bar to reach the “Exports (TXT)” screen. The example screen is shown below.

EXPORT ACCESS LOG(TXT FORMAT)

Query

User/Card ID :	<input type="text"/>
Terminal ID :	<input type="text"/>
Dep. :	<input type="text" value="All"/>
FKey :	<input type="text" value="All"/>
NUM. :	<input type="text" value="None"/>
From/To (mm/dd/yyyy) :	<input type="text" value="2"/> <input type="text" value="20"/> <input type="text" value="2008"/> -- <input type="text" value="2"/> <input type="text" value="20"/> <input type="text" value="2008"/>

Access Log
 First IN/Last OUT

Include Heading
 Include Event
 Output Defined Function Key

Figure 32: Exports (TXT) Screen

DATA — Exports(TXT) Screen

Exports Access Log (TXT)	
User/Card ID	Query by User/Card ID.
Terminal ID	Query by terminal ID.
Department	Query by department.
FKey	Query by function key.
NUM.	Choose the function key number.
From/To	Query by the from/to date.
Access Log, First IN/Last OUT	Export all log or just first in/last out log.
Include Heading	Export heading or not.
Include Event	Export event or not.
Output Defined Function Key	Output defined function key or not.
Button	
Export	Execute export.
Description	

Figure 33 is the attendance report TXT file of user ID No. 1 employee and by access log without title.

Figure 34 is the First IN/Last OUT attendance report TXT file of user ID No. 1 employee and with title.

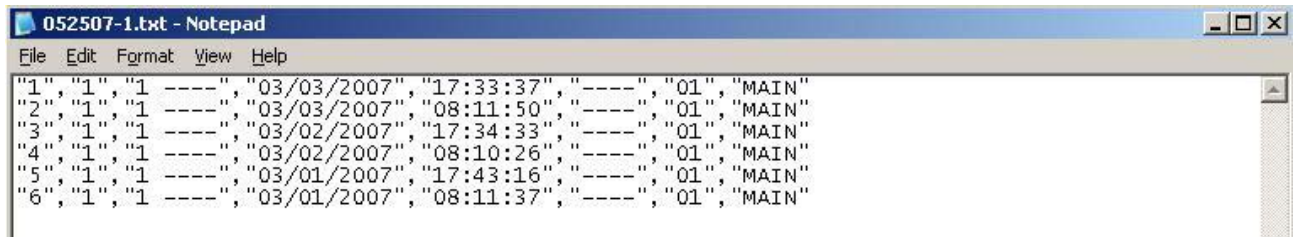


Figure 33: Exports Access Log (TXT) Screen

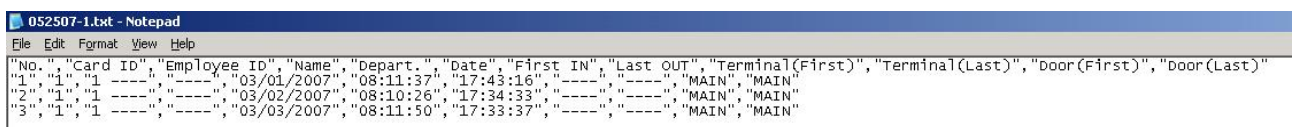


Figure 34: Exports Access Log (TXT) Screen

Exports (XLS)

Use the “Exports (XLS)” link on the menu bar to reach the “Exports (XLS)” screen. The example screen is shown below.

EXPORT ACCESS LOG(XLS FORMAT)

Query

User/Card ID :	<input type="text"/>
Terminal ID :	<input type="text"/>
Department :	<input type="text" value="All"/> ▾
FKey :	<input type="text" value="All"/> ▾
NUM. :	<input type="text" value="None"/> ▾
From/To (mm/dd/yyyy) :	<input type="text" value="2"/> ▾ <input type="text" value="20"/> ▾ <input type="text" value="2008"/> ▾ -- <input type="text" value="2"/> ▾ <input type="text" value="20"/> ▾ <input type="text" value="2008"/> ▾

Access Log
 First IN/Last OUT

Include Heading
 Include Event
 Output Defined Function Key

Figure 35: Exports (XLS) Screen

DATA – Exports(XLS) Screen

Exports Access Log (XLS FORMAT)	
User/Card ID	Query by User/Card ID.
Terminal ID	Query by terminal ID.
Department	Query by department.
FKey	Query by function key.
NUM.	Choose the function key number.
From/To	Query by the from/to date.
Access Log, First IN/Last OUT	Export all log or just first in/last out log.
Include Heading	Export heading or not.
Include Event	Export event or not.
Output Defined Function Key	Output defined function key or not.
Button	
Export	Execute export.
Description	

Figure 36 is the attendance report XLS file of user ID No. 1 employee and by access log with title.

Figure 37 is the First IN/Last OUT attendance report XLS file of user ID No. 1 employee and with title.

No.	Card ID	Employee ID	Name	Date	Time	Terminal	In/Out	Door
1	1	1	----	03/03/2007	17:33:37	----		1 MAIN
2	2	1	----	03/03/2007	8:11:50	----		1 MAIN
3	3	1	----	03/02/2007	17:34:33	----		1 MAIN
4	4	1	----	03/02/2007	8:10:26	----		1 MAIN
5	5	1	----	03/01/2007	17:43:16	----		1 MAIN
6	6	1	----	03/01/2007	8:11:37	----		1 MAIN

Figure 36: Exports Access Log (XLS) Screen

No.	Card ID	Employee ID	Name	Depart.	Date	First IN	Last OUT	Terminal(First)	Terminal(Last)	Door(First)	Door(Last)
1	1	1	----	----	03/01/2007	8:11:37	17:43:16	----	----	MAIN	MAIN
2	2	1	----	----	03/02/2007	8:10:26	17:34:33	----	----	MAIN	MAIN
3	3	1	----	----	03/03/2007	8:11:50	17:33:37	----	----	MAIN	MAIN

Figure 37: Exports Access Log (XLS) Screen

Backup

Use the “Backup” link on the menu bar to reach the “Backup” screen. The example screen is shown below.

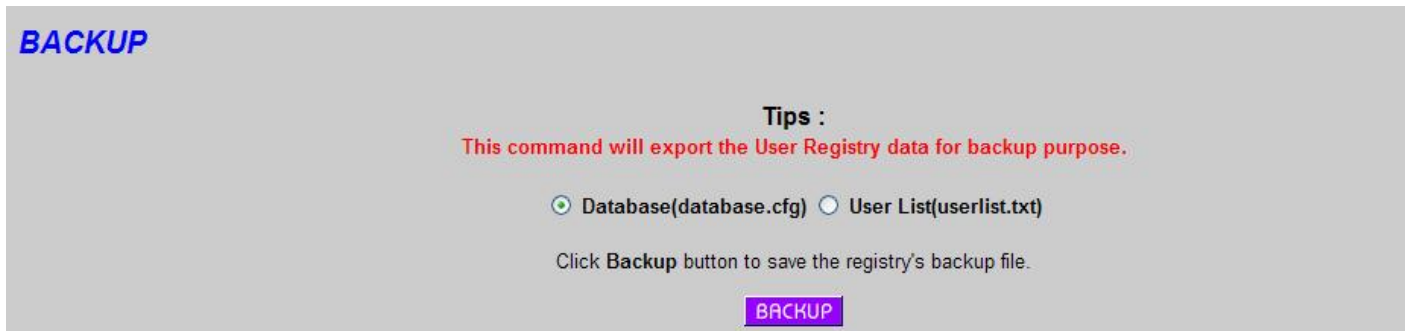


Figure 38: Backup Screen

DATA — Backup Screen

Backup procedure

Choose the backup format. If you want to backup fingerprint data, need to choose “database(database.cfg)” format. If you choose “user list(userlist.txt)”, only backup card ID, employee ID, name, group number.

push “backup”.

choose the location you want to save.

Restore/Import

Use the “Restore” link on the menu bar to reach the “Restore” screen. The example screen is shown below.

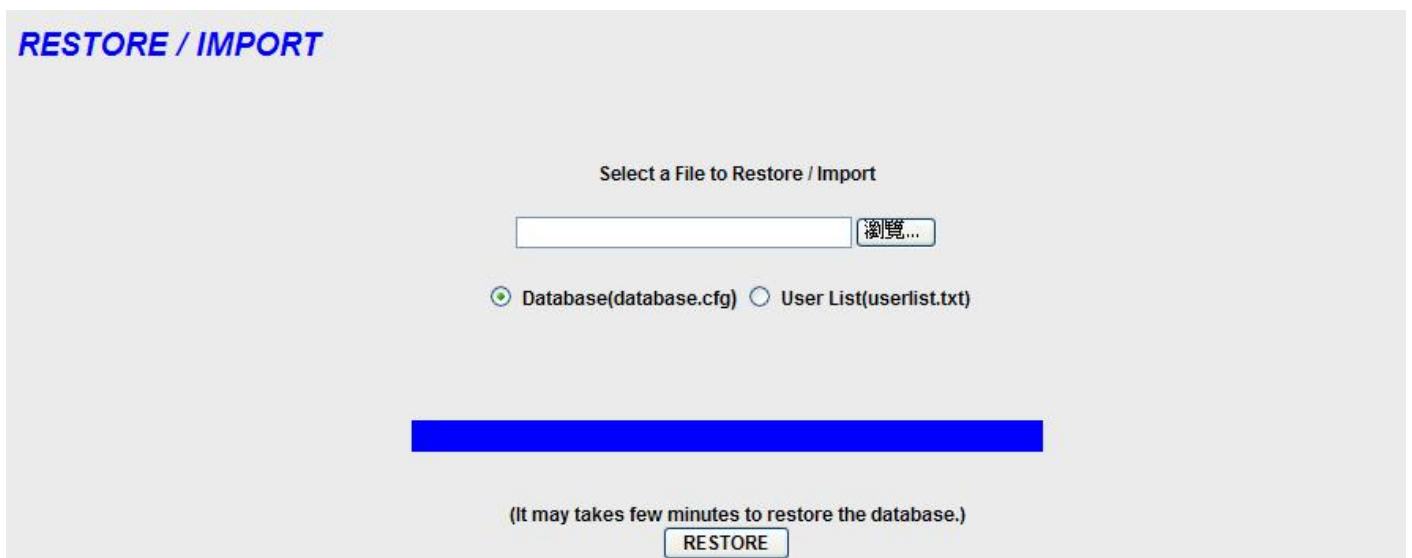


Figure 39: Restore Screen

DATA — Restore/Import Screen

Restore backup data

Choose the restore format. If you want to restore fingerprint data, need to choose “database(database.cfg)” format. If you choose “user list(userlist.txt)”, only restore card ID, employee ID, name, group number.

Push “Browse...” to choose the file.

Push “Restore” to restore/import the data.

Device Admin

Use the “Device Admin” link on the menu bar to reach the “Device Admin” screen. The example screen is shown below.



Figure 40: Device Administration Setting Screen

DATA — Device Admin Screen

Button

Factory Default	Reset system to factory default.
-----------------	----------------------------------

Reboot

Use the “Reboot” link on the menu bar to reach the “Reboot” screen. The example screen is shown below.



Figure 41: Reboot Screen

DATA — Reboot Screen

Button	
Reboot	Reboot BF-630X/BF-830X, just like PC warm up to turn on.

Upgrade Firmware

Use the “Upgrade Firmware” link on the menu bar to reach the “Reboot” screen. The example screen is shown below.

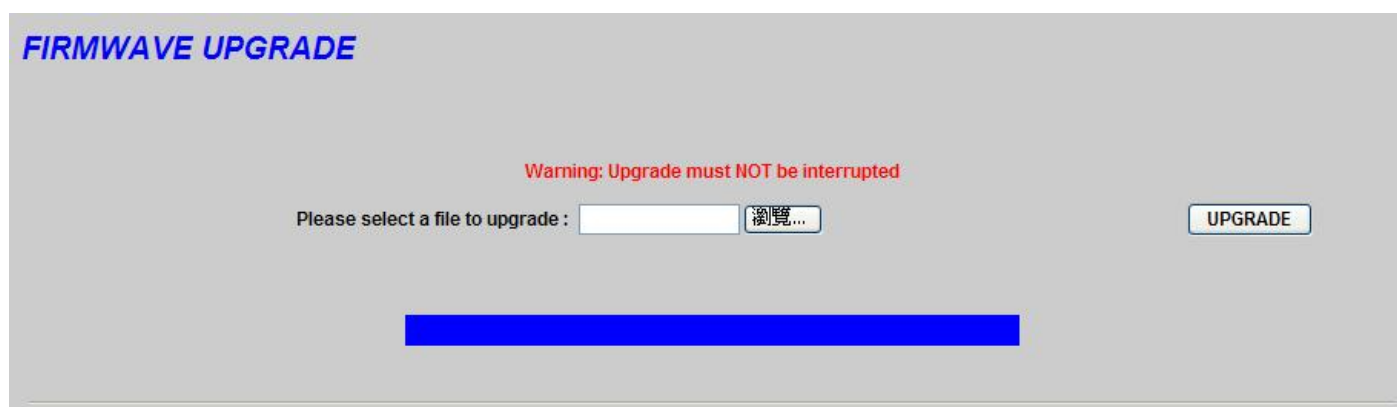


Figure 42: Upgrade Firmware Screen

DATA — Firmware Upgrade Screen

Operate procedure

push “Browse...” button to search and choose the firmware.

push “upgrade” button to upgrade the firmware.

Notice

Different firmware version maybe has the compatible problem, please delete all items.

If you want to save the data, please contact with us to confirm the data format or how to save the data before upgrade to avoid the data losing.

Please upgrade system code then upgrade web code.

Reset

Use the “Reset” link on the menu bar to reach the “Reset” screen. The example screen is shown below.

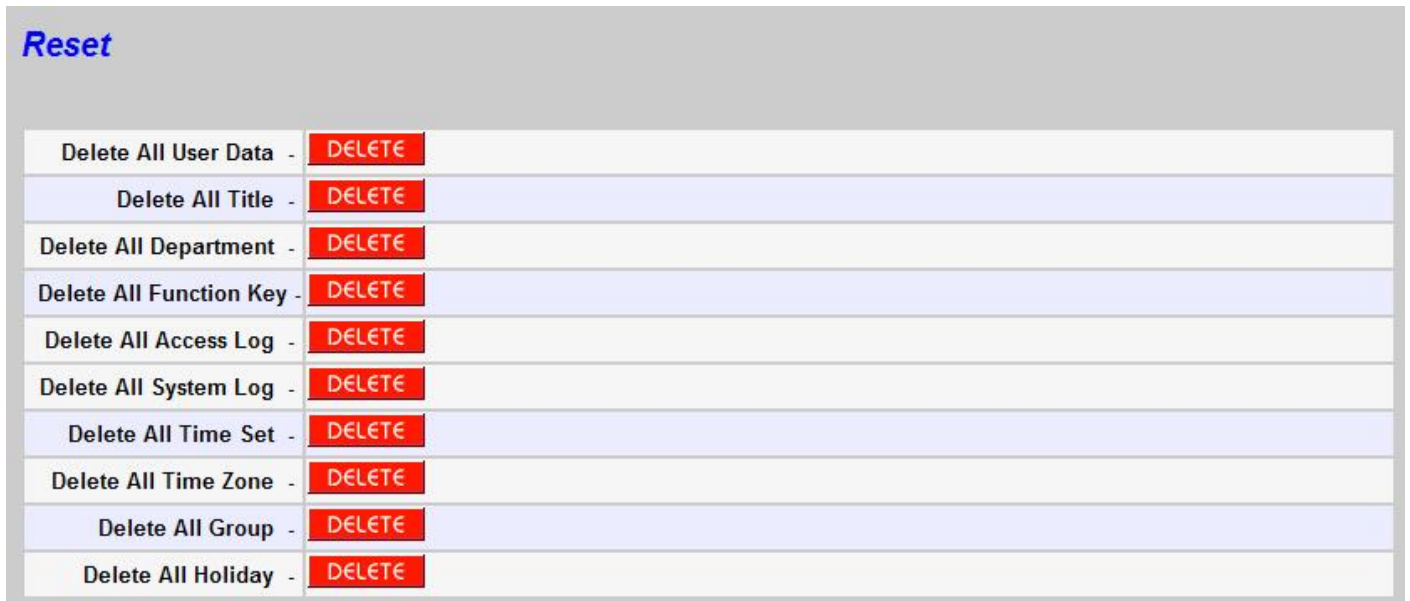


Figure 43: Reset Screen

DATA — Reset Screen

Button	
Delete all user data	Delete all user data of BF-630X/BF-830X.
Delete all title	Delete all title setting of BF-630X/BF-830X.
Delete all department	Delete all department setting of BF-630X/BF-830X.
Delete all function key	Delete all function key setting of BF-630X/BF-830X.
Delete all log data	Delete all log data of BF-630X/BF-830X.
Delete all time set	Delete all time set of BF-630X/BF-BF-830X.
Delete all time zone	Delete all time zone setting of BF-630X/BF-830X.
Delete all group	Delete all group setting of BF-630X/BF-830X.
Delete all holiday	Delete all holiday setting of BF-630X/BF-830X.

Appendix A

Inspect and fix of breakdown



This appendix describes the possibly problems and solutions.

Overview

This chapter will describe the possibly problems and many solutions when you use BF-630X/BF-830X. If BF-630X/BF-830X can't work after you follow this chapter to eliminate from breakdown, please contact with supplier to get further instruction.

General Problems

Question1 : Can't connect with BF-630X/BF-830X to setup.

Solution1 : Please check as follow :

BF-630X/BF-830X installed correct or not ,LAN and power connected normal or not .

Ensure that PC and BF-630X/BF-830X are on the same network segment

If your PC sets for "get IP automatically" (DHCP user), please reboot again.

If your PC used a fixed IP address, that IP address must be within the range 192.168.0.1 to 192.168.0.65 or 192.168.0.67 to 192.168.0.254, than it can be compatible with BF-630X/BF-830X's default IP 192.168.0.66. Also, the subnet mask must be set to 255.255.255.0.

Question2 : Forget BF-630X/BF-830X'IP.

Solution2 : Please execute IP search tool attached to BF-630X/BF-830X and set the correct IP.

Question3 : Forget the password.

Solution3 : Please contact with supplier and get further instruction.

Question4 : The ring calls often or the fingerprint scanner can not collect fingerprint.

Solution4 : Please check adapter can supply enough voltage. If you make sure that adapter normal but the problem still exists, please contact with supplier and get further instruction.

Question5 : Web screen can not save the value.

Solution5 : Firmware incompatibles with web program, please contact with supplier and get further instruction.

Question6 : Unusual of user data or record on web screen.

Solution6 : You did not clear all data before upgraded firmware, please delete all

data and reset to factory default.

Question7 : LCD displays “Running in boot”.

Solution7 : The program of firmware lost, please contact with supplier and get further instruction.

Question8 : BF-630X can't verify fingerprint easily.

Solution8 : Please check adapter can supply enough voltage.

Check your finger to dry or not, please wet your finger and try again.

Maybe the fingerprint log not well, please registers again. Please put finger on the scanner first and push “#” to collect more clearly registered log.

If the problem still exists after you check it, please contact with supplier and get further instruction.

Appendix B : DDNS

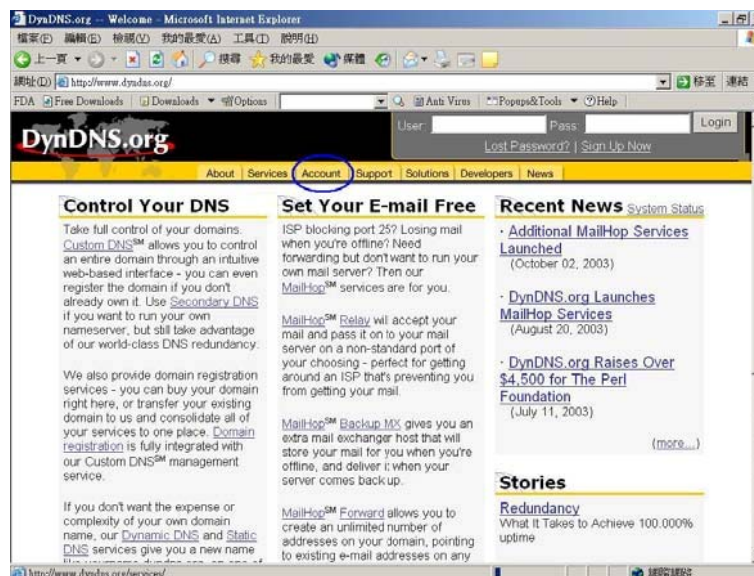
Internet actually runs on IP Addresses which are numerical order, for example “63.208.196.100”. These IP Address identify the location of each device connected to Internet. However, the human brain does not easily remember this numbering system, so a system that allocate domain name such as “www.dyndns.org” provides an easier method. If you type “63.208.196.100” or “www.dyndns.org” in the web browser’s address bar, the browser will show the same web page. This is because both methods relate to the same web server. The “**Domain Name Servers**” used to manage the Internet will translate “www.dyndns.org” into the IP Address “63.208.196.100” in order to allow your browser to find the web server and display the correct web page in your browser.

If your “IP Configuration”, as shown in 3.2 section, is “PPPoE”, or “DHCP” with dynamic IP address assigned by ISP, your IP address may change each time you initiate the connection to your ISP. The DDNS function will help to map your IP address to your domain name when your ISP assigns a new dynamic IP Address.

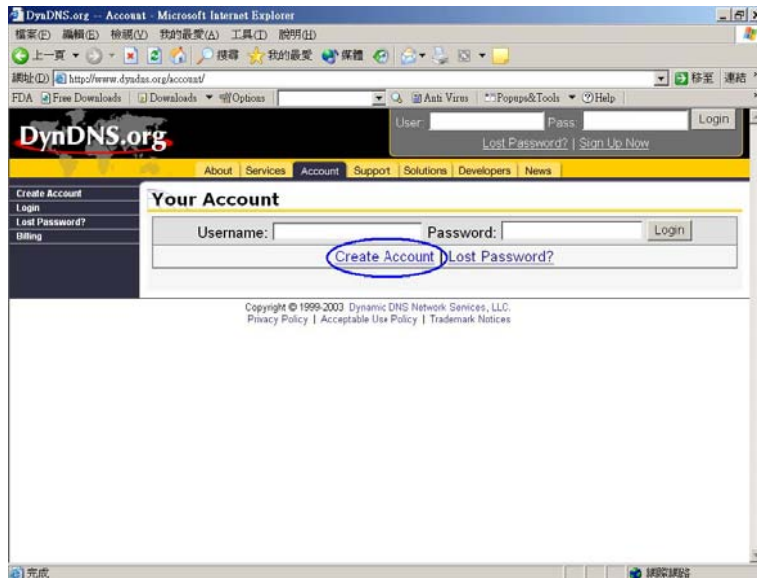
Note that this DDNS function acts as the client appliance of DDNS service and is only able to be use in conjunction with the service provided by DynDNS.org and TZO.com. Before you begin using this function, you will need to apply to DynDNS.org or TZO.com to be able to use the service. Please visit www.dyndns.org or www.tzo.com for further information.

How to register from Dyndns.org

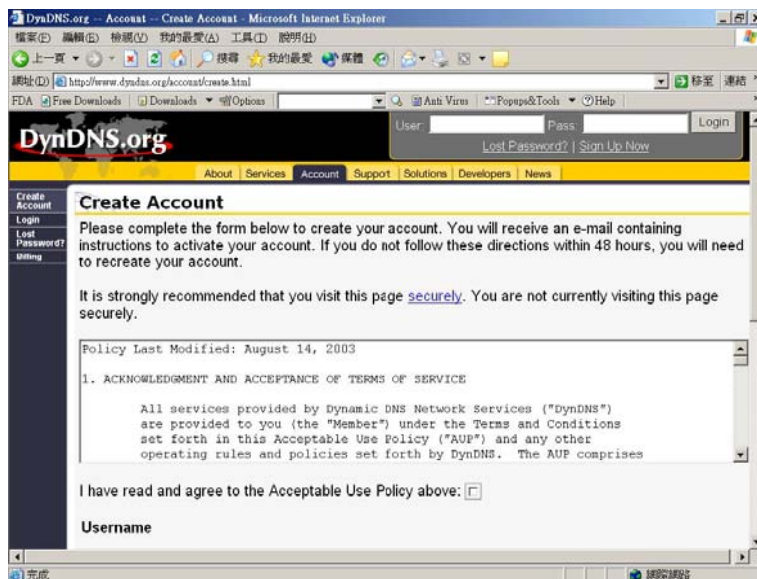
Step 1: Enter the web side www.dyndns.org in Browser, click the tab of **Account**.



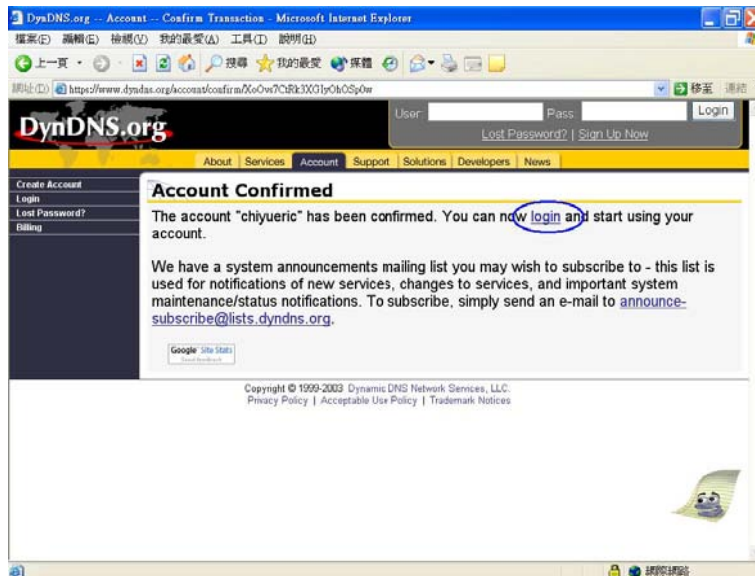
Step 2: click **Create Account**.



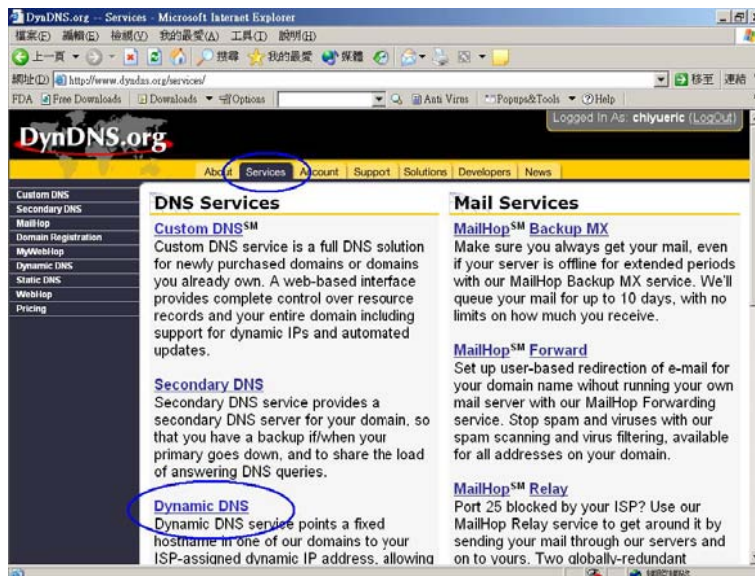
Step 3: Fill the field of Username , E-mail and Password. You will receive an e-mail containing instructions to activate your account.



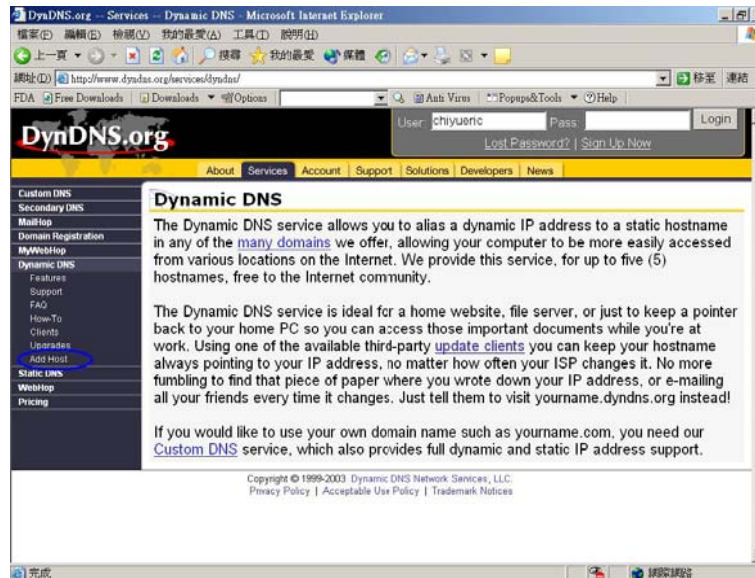
Step 4: Once you receive the confirmed e-mail, **login** with your Username and Password.



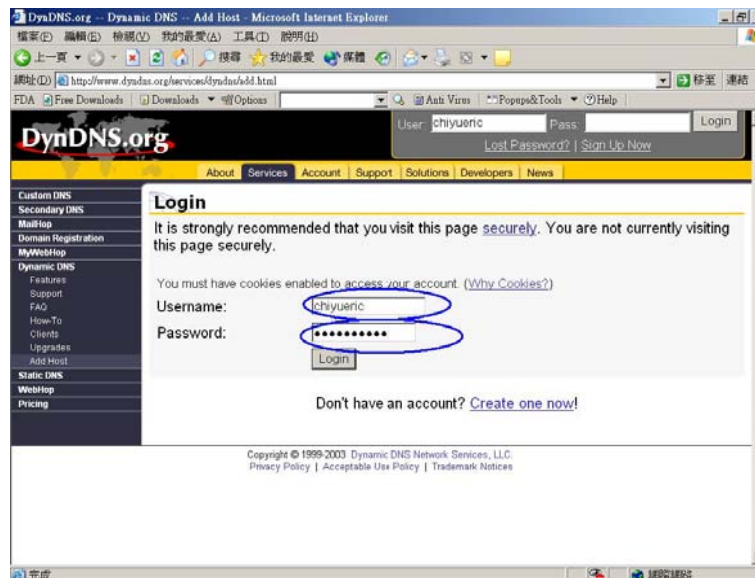
Step 5: Click the tab of **Services**, then click **Dynamic DNS**.



Step 6: select **Add Host** in the left side of screen.

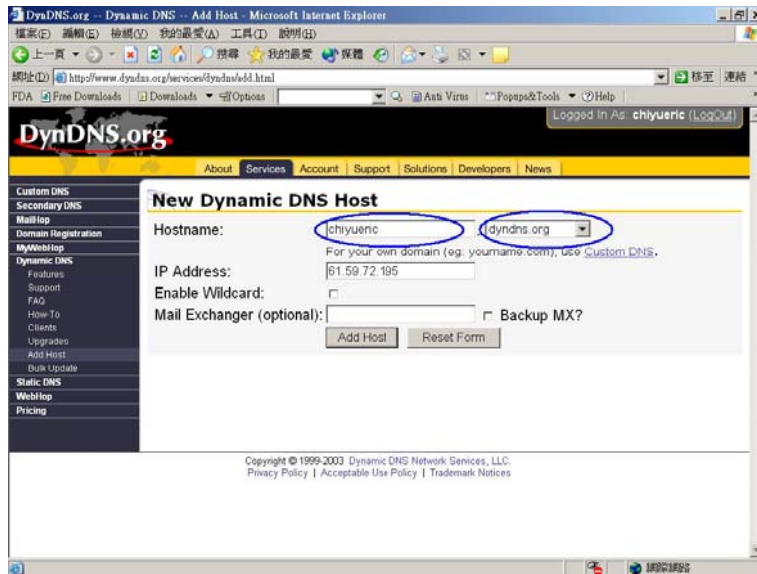


Step 7: Login again with your **Username** and **Password**.



Step 8: Enter the **Hostname** you want to use and select **dyndns.org** from the drop-down menu, click the button of **Add**

Host to finish register.



Step 9: now you should enter the Username, Password and Hostname (named Device DNS Name in BF-400 Master into BF-400 Master to enable this function.

How to register from TZO.com

Step 1: Enter the web side www.tzo.com in Browser, select the **Order/Renew** from top screen.



Step 2: You can choose what's kind of service you need, here we suggest the **Standard TZO** with 1 year of service

Order/Renew

Order / Renewing a TZO service online

Most of our clients prefer to order on-line through a secure connection. Choose the TZO service you wish to order from the list below and click on the appropriate link to place your order. [\(You can also order by phone, fax, or mail.\)](#)

If you already have a TZO service and need to renew your subscription, simply re-order the service. Please note that we offer some [special promo packages](#).

Standard TZO
The Standard TZO Service provides you with an unchanging sub-domain name within our TZO domain (for example YOURNAME.TZO.COM) which is linked to a dynamic IP address. [see description](#)

1 year of service	\$24.95	Order/renew this service
2 years of service	\$39.95	Order/renew this service

Premier TZO
The Premier TZO Service provides you with an unchanging domain name (for example YOURNAME.COM) which is linked to a dynamic IP address. With this service someone can connect to your domain through your domain name even though you have a dynamic IP address. [see description](#)

When you subscribe to this service and if you have not registered a top-level domain name we can do that for you; you can use our [online domain registration](#) form. The cost to register a domain is \$35 a year. For more information about shorter or longer registration periods please see the domain information on this web site.

Step 3: Select the first radio button, click **Continue** button.

TZO.COM

home domains control panel about us

Order/Renew Download Products Support

Order/Renew

TZO secure order system total \$24.95 number of items 1

How did you get our TZO client software?
(If you don't have it yet, [click here to download it now.](#))

From the TZO download site or from another download site such as Tucows, WebAtack, etc.

It's included with my Nexland router.

From the CD included with my Linksys product

It's included with my Serv-U FTP server

It's included in my E-Tech, Ugate, Equinox Internet Broadband Gateway/router.

From the download site that Linksys directed me to

Step 4: Enter the TZO name you want to register, such as chiyu.tzo.com, and your E-mail address which can reach you. If you don't have a TZO name yet, please check the box under the field of E-mail address, click **Continue with order**

TZO.COM

home domains control panel about us

Order/Renew Download Products Support

Order/Renew

TZO secure order system total \$24.95 number of items 1

Please complete the first step by telling us the following information

What is your TZO name?

What email address did you use when you registered your TZO name?
(Windows users can find this information in the TZO client. Linux users can look in the configuration file.)

I don't have a TZO name yet, or I'm not certain what it is.

PLEASE NOTE:
 A TZO name is a sub-domain of TZO.COM, TZO.NET, or other domains which are listed in the TZO client. Please mail support@TZO.COM if you have questions.
 If you don't have a TZO name, you should register and get a TZO name before you go any further. You can [Download TZO](#) or use the [TZO Control Panel](#) to register and get a TZO name. You'll need a TZO name to use most of our services!

Continue with order

Step 5: complete the form with your information TZO want.

Order/Renew

TZO secure order system total \$24.95 number of items 1

Please complete the first step by telling us the following information

Next, please tell us about yourself, and please include all the information. We ask you nothing more than what's necessary for us to process your order.

For your address please use your current credit card or bank billing address. (The address where your credit card or bank statements are sent each month)

Your first name:

Your last name:

Your company name: (if applicable)

Street address: (the billing address of the credit card)

Address 2: (the billing address of the credit card)

City: (the billing address of the credit card)

Step 6: TZO will send an e-mail letter to inform your TZO key, please enter these information including E-mail address, TZO key and TZO name (named Device DNS Name in BF-400 Master) into BF-400 Master to enable this service.