

Honeywell

Doppio mini

混合接警机（标准版）

说明书

User Guide

目录

1 产品介绍.....1

2 产品示意图.....3

 接口说明.....3

3 系统配置.....6

4 网络操作.....7

 登录.....7

 配置.....8

 网络设置.....9

 时间设置.....9

 CID 描述设置.....10

 添加 CID.....11

 删除 CID.....11

 显示所有 CID.....12

 4+2 码描述设置.....13

 添加 4+2 码.....14

 删除 4+2 码.....14

 显示所有 4+2 码.....15

 设备设置.....17

 添加设备.....17

 删除设备.....17

 查询设备.....18

 显示所有设备.....19

 导入设备.....21

 编程模板设置.....22

 添加模板.....22

 删除模板.....24

 显示所有模板.....24

 PSTN CARD 设置.....26

 配置线路参数.....27

 修改线路/模板参数.....31

 其它.....32

 报告.....33

查询.....34

导出.....36

控制.....36

 控制（Vista 主机）37

 控制（23XX Super 系列主机）37

 快速设定（23XX Super 系列主机）38

 控制（COMPACT-4 系列主机）40

 控制（23 系列主机）40

 键盘反控.....40

 快速设定（23 系列主机）41

 编程设定.....42

 载入模板.....42

 保存模板.....43

 删除模板.....45

 退出编程.....45

 下载.....45

 上载.....46

用户管理.....47

 添加用户47

 删除用户48

 修改密码49

 修改用户50

 修改关联.....51

系统日志.....52

 所有日志53

 日志查询53

掉线设备.....54

5 接警平台网络结构及路由器配置.....57

6 附录安装 PSTN CARD.....60

Contents

1	Introduction	69
2	Interfaces and Wiring.....	71
	Rear Panel	71
3	System Configuration	74
4	Network Operations.....	75
	Login	75
	Configuration.....	76
	Network	77
	Time	78
	CID Description.....	78
	Add CID	79
	Delete CID.....	79
	All CID	80
	4+2 Description.....	82
	Add 4+2.....	82
	Delete 4+2.....	82
	All 4+2.....	83
	Device	84
	Add Device.....	85
	Delete Device.....	85
	Search Device.....	86
	All Device	87
	Import Device	89
	Template.....	90
	Add Template.....	90
	Delete Template	92
	All Template	92
	PSTN CARD	94
	Line Parameter Configuration.....	95
	Line Parameter Modifications	99
	Other	100
	Report	101
	Search.....	101
	Export.....	104
	Control	104
	Control (Vista Series Panel).....	105

- Control (23XX Super Control Panel)106
 - Quick Settings (23XX Super Control Panel).....106
- Control COMPACT-4 Series Panel108
- Control (23 Series Panel).....108
 - Keyboard Control108
 - Quick Settings for 23 Series Panel109
 - Program Settings.....110
 - Load Template111
 - Save Template112
 - Delete Template.....114
 - Exit Programming.....115
 - Download116
 - Upload116
- User117
 - Add User.....117
 - Delete User.....118
 - Password.....119
 - Modify User120
 - Change Relate.....121
- Log122
 - All Logs.....122
 - Log Search122
- Offline Device.....123
- 5 Network Structure and Configuration on Router..... 125
- 6 Appendix PSTN CARD Installation 128

装箱清单

拆封时请检查包装盒内的部件是否齐全。

名称	数量
混合接警机（标准版）	1
说明书	1
串口线	1
电源线	1

若出现配件缺失，请及时与经销商联系。

1 产品介绍

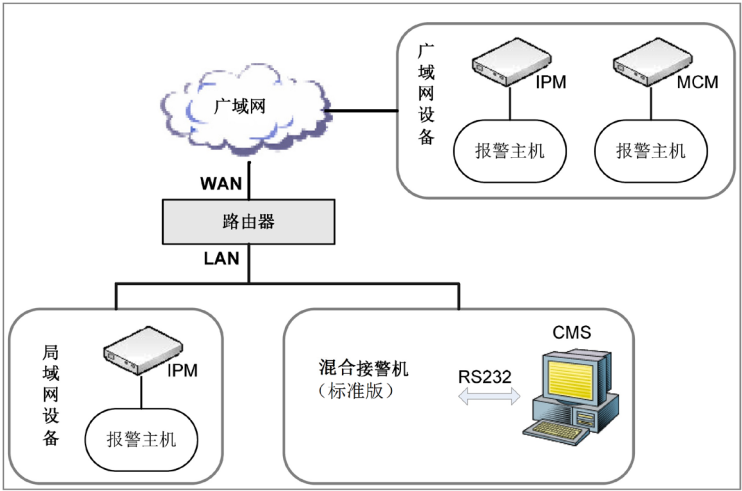
Dippio mini 混合接警机标准版（以下简称“混合接警机”），通过以太网接收 IP 模块发出的报警信息并将其转发到接警中心（CMS）。混合接警机可以连接多种型号的网络报警设备，基于 TCP 协议提供可靠通信，通过 RS232 串口线将接收到的警情上报到接警中心，并保存在自身数据库中。用户可以通过前面板按键、显示屏查询报警信息，还可登录“混合接警机系统”查询、管理、备份收到的警情。

混合接警机具有以下特性：

- 支持智能手机远程布撤防。
- 支持混合报警（PSTN 和 IP 报警）。
- 支持报警主机电话报警（CID、4+2 格式和 CFSK 格式）。
- 支持所有 Honeywell 网络设备和网络主机（IPM 系列、MCM 系列、COMPACT-4）。
- 支持 200 个网络报警设备在线。
- 支持网页反控、用户远程管理、系统配置、设备控制、设备在线管理和系统操作日志。
- 支持网络设备掉线/上线检测和在线管理。
- 支持前面板信息查询和报警状态查询。
- 基于 685 协议的 RS232 串口输出。
- 支持设备帐号管理。
- 支持报警数据的自动月备份。

混合接警机的应用示意图如下：

图 1-1 应用示意图



注：IPM：网络报警模块；MCM：无线通信模块；CMS：接警中心

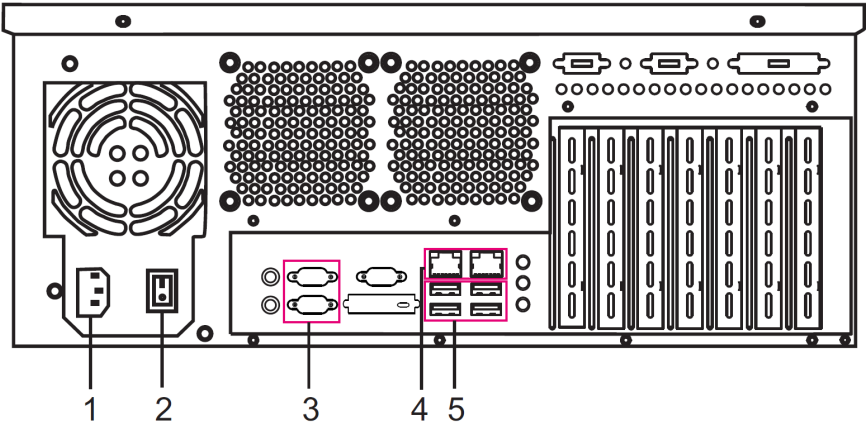
产品规格：

名称	参数
输入电压	100-240 VAC
尺寸	166 mm（H）×428 mm（W）×496 mm（D）
重量	13.5 kg
安装方式	机架式安装
工作温度	0℃～+50℃

2 产品示意图

接口说明

图 2-1 接口说明



编号	名称	编号	名称
1	三芯交流电源接口 (220V 输入)	4	左：网口 2 右：网口 1
2	电源开关	5	USB 接口
3	上：COM1 下：COM4		

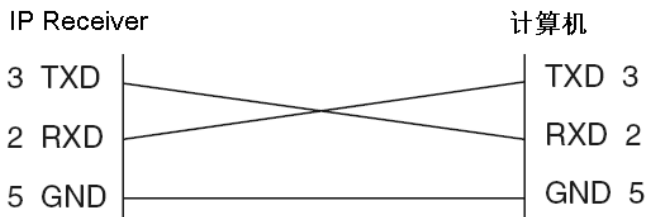
连接混合接警机与接警中心之前，用户需先在接警中心软件中添加混合接警机的自定义 CID 类型（CID 报告账号为 FFFE），如下表所示：

CID 类型	类型描述
--------	------

E001	频繁连接
R001	频繁连接恢复
E002	端口扫描
R002	端口扫描恢复
E901	前面板通信故障
R901	前面板通信故障恢复
E903	网络接口断开
R903	网络接口断开恢复

接警中心可以通过交叉串口线连接至混合接警机上的 COM2 端口。通信端口 COM2 为 9 针 COM 端口。混合接警机的 9 针双母头串口线制作方法如下图所示：

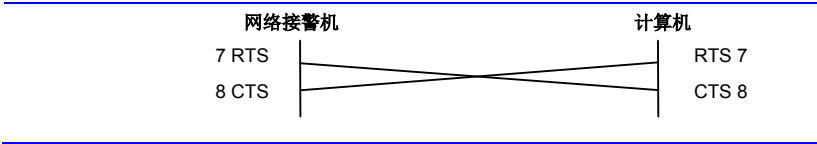
图 2-2 九针双母头串口线



串口线使用说明：

注意

- 建议使用混合接警机附件中的标配串口线。
- 若需使用其它串口线连接设备，串口线长度应小于 3 米。
- 若需使用长度大于 3 米的串口线连接设备，请安装串口隔离设备。
- 若启用串口硬件流控制功能，九针双母头串口线在前面制作的基础上，还需要按下图连接：



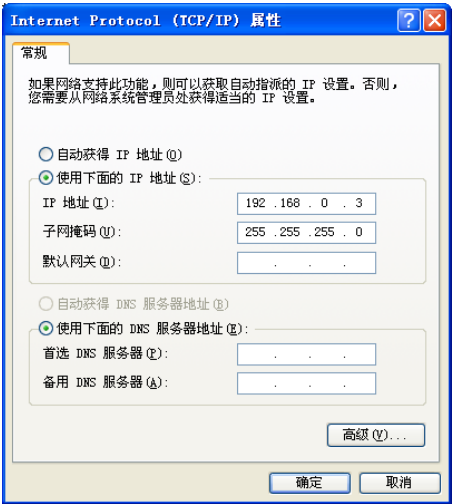
接警中心软件支持串口进行布/撤防操作（由于第 3 方接警中心软件不同，具体操作步骤也不一样）。

3 系统配置

混合接警机上的千兆网口（见第 3 页的图 2-1）在出厂时的默认 IP 地址为 192.168.0.2，用户可根据需要为这个网口配置不同 IP 地址，具体步骤如下：

- 1. 配置需要与接警机相连的 PC 机网卡，修改其对应网络连接的 Internet Protocol(TCP/IP) 属性，属性窗口如下图所示：

图 3-1 Internet Protocol(TCP/IP) 属性窗口



在上图所示的窗口中，选择“使用下面的 IP 地址”，并在“IP 地址”中设置一个与默认 IP 地址处于同一子网的 IP 地址（例如 192.168.0.3）。点击【确定】完成配置。

- 2. 将 PC 机与混合接警机的千兆网口相连。
- 3. 登录“混合接警机系统”配置网络地址。详细配置步骤请见第 8 页配置一节。

4 网络操作

登录

当混合接警机与计算机属于同一子网时，在计算机浏览器地址栏中输入接警机的 IP 地址登录混合接警机系统。

注意

如果计算机属于外网、混合接警机属于内网时，需先按第 5 章节（第 57 页）对路由器进行配置，再在浏览器地址栏中输入路由器 WAN 端的 IP 地址登录混合接警机系统（目前支持的浏览器为 Internet Explorer 6.0 和 Internet Explorer 8.0）。

若出现页面错位现象，请检查显卡设置是否正确。

图 4-1 混合接警机系统登录



点击“中文”进入中文界面；点击“English”进入英文界面。

输入用户名和密码（默认用户名：admin，密码：admin），点击【登录】进入系统（图 4-3）或点击【重置】清空用户名和密码。

若用户名或密码错误，则显示以下提示信息：

图 4-2 用户名密码错误



点击“返回重新登录”，返回到登录页面（见图 4-1）。

配置

成功登录系统后，显示如下页面。系统包括七个功能标签页：“报告”、“查询”、“控制”、“配置”、“用户管理”、“系统日志”和“掉线设备”。页面右上角显示登录用户的类型（超级管理员、管理员、操作员或访客）和设备状态（设备正常或设备掉线）。点击，退出系统并返回到登录页面。

图 4-3 配置



网络设置

“网络设置”页面显示网卡的相应的网址、子网掩码和网关地址，以及网络端口从连接到断开时蜂鸣器使能的端口（见图 4-3）。进行系统配置后（见第 6 页 **系统配置** 一节），用户必须为混合接警机分配一个未被其他设备占用的固定 IP 地址，并且最多可为每台接警机分配 1 个 IP 地址。按照以下提示配置混合接警机的 IP 地址以及网络端口从连接到断开时蜂鸣器使能的端口：

在“网络地址”中为千兆网口设置一个未被其他设备占用的 IP 地址，在“网络端口断开，蜂鸣器使能”中选择网络端口从连接到断开时，蜂鸣器使能的端口，点击**【确定】**保存配置，显示以下提示信息：

图 4-4 网络设置成功



注意 如果网址不完整，系统显示错误提示信息。网址只能为 0-255 的数字。

时间设置

在“配置”页面（见图 4-3），点击“时间设置”进入混合接警机系统时间配置页面，如下图：

图 4-5 时间设置



点击输入框，选择日期和时间，点击【确定】，修改混合接警机系统的时间。

注意

建议只在首次使用时修改时间；若在使用过程中修改时间，可能会影响系统数据。

CID 描述设置

在“配置”页面（见图4-3），点击“CID 描述设置”进入混合接警机系统 CID 描述设置页面，如下图：

图 4-6 CID 描述设置



添加CID

在图 4-6 中，分别输入“CID”和“描述”，点击【添加】。

在英文界面，所添加的 CID 的描述内容为空。需在英文界面再次添加该 CID 的“描述”：进入英文界面，选择“CID 描述设置→显示所有 CID→详细信息”（见图 4-9）。

注意 “描述”内容不能超过 40 个字符。

删除CID

在“CID 描述设置”页面（见图 4-6），点击“删除 CID”，显示如下页面：

图 4-7 删除 CID



选择所需删除的 CID，点击【删除】。

显示所有CID

在“CID 描述设置”页面（见图 4-6），点击“显示所有 CID”，可查看及导出所有 CID，如下图：

图 4-8 显示所有 CID

报告

查询

控制

配置

用户管理

系统日志

掉线设备

网络设置

时间设置

CID描述设置

添加CID

删除CID

显示所有CID

4+2码描述设置

设备设置

编程模板设置

PSTNCARD设置

其他

CID	
E001	详细信息
E002	详细信息
E100	详细信息
E101	详细信息
E110	详细信息
E111	详细信息
E112	详细信息
E113	详细信息
E114	详细信息
E120	详细信息
E121	详细信息
E122	详细信息
E123	详细信息
E124	详细信息
E125	详细信息

导出

共计133条记录 1/9页 1 2 3 4 下一页 最后一页

点击【导出】，以 Excel 格式导出所有 CID 信息。

点击“详细信息”，可查看或修改相应 CID 的描述，如下图：

图 4-9 CID 详细信息

详细信息

CID

E001

描述

频繁连接

保存

取消

若需修改 CID 描述，修改完成后点击【保存】。若不修改，点击【关闭】。

4+2 码描述设置

在“配置”页面（见图4-3），点击“4+2 码描述设置”进入混合接警机系统设备设置页面，可以添加、删除、和现实所有 4+2 码。

添加 4+2 码

点击“添加 4+2 码”，如下图：

图 4-10 添加 4+2 码

报告

查询

控制

配置

用户管理

系统日志

掉线设备

网络设置

时间设置

CID描述设置

4+2码描述设置

添加4+2码

删除4+2码

显示所有4+2码

设备设置

编程模板设置

PSTNCARD设置

其他

4+2码

描述

添加

分别输入 4+2 码和描述，点击【添加】。

在英文界面，所添加的 4+2 码的描述内容为空。需在英文界面再次添加该 4+2 码的“描述”：进入英文界面，选择“4+2 码描述设置→显示所有 4+2 码→详细信息”。



“描述”内容不能超过 48 个字符。

删除 4+2 码

点击“删除 4+2 码”，如下图：

图 4-11 删除 4+2 码



选择需要删除的 4+2 码，点击【删除】。

显示所有 4+2 码

点击“显示所有 4+2 码”，显示所有 4+2 码，如下图：

图 4-12 显示所有 4+2 码

报告

查询

控制

配置

用户管理

系统日志

掉线设备

网络设置

时间设置

CID描述设置

4+2码描述设置

添加4+2码

删除4+2码

显示所有4+2码

设备设置

编程模板设置

PSTNCARD设置

其他

4+2码	
00	详细信息
01	详细信息
02	详细信息
03	详细信息
04	详细信息
05	详细信息
06	详细信息
07	详细信息
08	详细信息
09	详细信息
0A	详细信息
0B	详细信息
0C	详细信息
0D	详细信息
0E	详细信息

导出

共计256条记录 1/18页 1 2 3 4 下一页 最后一页

点击【导出】，以 Excel 格式导出所有设备信息。导出的文件仅作为备份保存，请勿修改。



只有超级管理员具有导出权限。其它类型的用户登录后，此页面不显示【导出】按钮，不具备导出设备信息的权限。

点击“详细信息”，显示对应设备账号的详细信息，如下图：

图 4-13 详细信息

详细信息

4+2码

00

描述

系统故障

保存

取消

可修改 4+2 码和描述，修改完成后点击【保存】。若不修改，点击【取消】。

设备设置

在“配置”页面（见图4-3），点击“设备设置”进入混合接警机系统设备设置页面，可以添加、删除、查询、查看和导入设备。

添加设备

点击“添加设备”，如下图：

图 4-14 设备设置

设备账号

MAC

安装地址

设备类型

安装员码

操作员码

添加

分别输入设备账号（设备账号只能是 4 位或 6 位阿拉伯数字 0 到 9 和/或字母 A 到 F）、MAC、安装地址、设备类型（从下拉框中选择）、安装员码和操作员码，点击【添加】。

注意

- 对于 MCM 模块，所输入的设备账号和 MAC 地址必须与实际 MCM 模块一致。
- 对于 IPM 模块，若为 IPM-23 Super 系列，则所输入的设备账号和 MAC 地址必须与实际模块一致；若为 IPM-23 或 IPM-Vista，只需 MAC 地址一致，设备账号可自行设置。

删除设备

点击“删除设备”，如下图：

图 4-15 删除设备

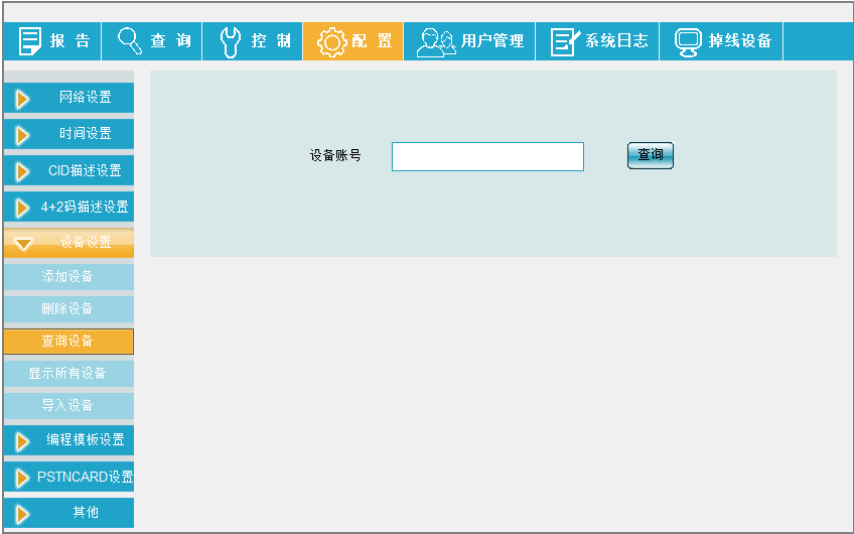


选择需要删除的设备账号，点击【删除】。

查询设备

点击“查询设备”，如下图：

图 4-16 查询设备



输入设备账号，点击【**查询**】，显示相应的设备账号。

显示所有设备

点击“显示所有设备”，显示所有设备账号，如下图：

图 4-17 显示所有设备

报告

查询

控制

配置

用户管理

系统日志

掉线设备

网络设置

时间设置

CID描述设置

4+2码描述设置

设备设置

添加设备

删除设备

查询设备

显示所有设备

导入设备

编程模板设置

PSTNCARD设置

其他

设备账号	设备类型	MAC	
0000	236PLUSII	111111111111	详细信息
0001	238C	222222222222	详细信息
0002	236TL	121111111111	详细信息
0003	COMPACT-4	311111111111	详细信息
0004	2316PLUSII	212222222222	详细信息
0005	236PLUSII	544444444111	详细信息
0006	2316PLUSII	312123333333	详细信息
0128	Vista-250	000B3C025516	详细信息
0765	Vista-250	000B3C27C94C	详细信息
1000	238SUPER	000B3C31D659	详细信息
1001	2316PLUSII	000B3C01A670	详细信息
111111	236PLUS	443411111111	详细信息
111333	236TL	222233333333	详细信息
2000	236TL	33333333aeae	详细信息
200000	238SUPER	312223334411	详细信息

导出

共计23条记录 1/2页 1 2 下一页 最后一页

点击【导出】，以 Excel 格式导出所有设备信息。导出的文件仅作为备份保存，请勿修改。

注意

只有超级管理员具有导出权限。其它类型的用户登录后，此页面不显示【导出】按钮，不具备导出设备信息的权限。

点击“详细信息”，显示对应设备账号的详细信息，如下图：

图 4-18 详细信息

详细信息

设备账号

0128

设备类型

Vista-120

安装员码

012345

操作员码

1234

MAC

000B3C025515

关联用户

smalltest

安装地址

123

保存

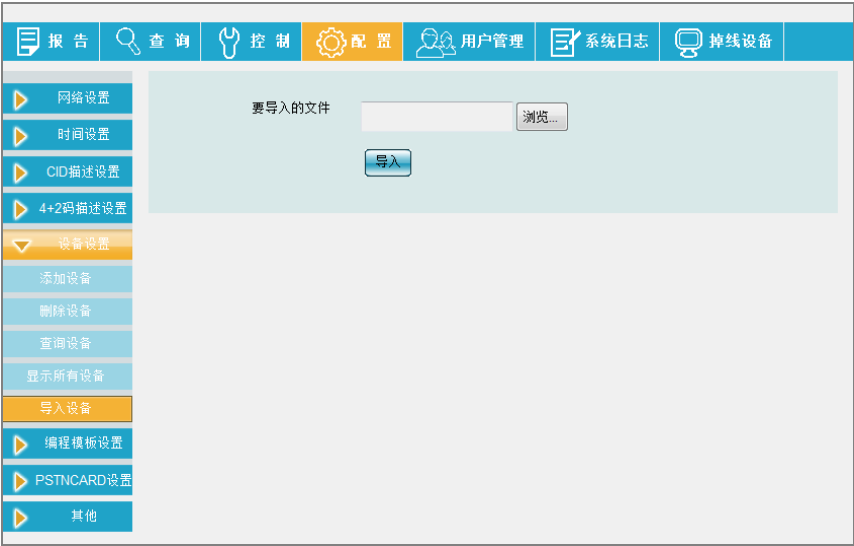
取消

可修改设备类型、安装员码、操作员码和安装地址，修改完成后点击【保存】。若不修改，点击【关闭】。不可修改设备账号、MAC 和关联用户（点击下拉框查看所有关联用户）。

导入设备

点击“导入设备”，如下图：

图 4-19 导入设备



按以下步骤导入设备：

1. 导出所有设备信息（参考 19 页 **显示所有设备**）并保存文件（若已导出设备信息，可跳过此步骤）。请勿修改导出的文件，否则将不可被导入。
2. 点击 **Browse** 选择第 1 步中保存的文件，再点击【导入】。

导入设备成功后，需重启混合接警机。

注意 只有超级管理员具有导入设备的权限。其它类型的用户不具备该权限，且无法进入该页面。

编程模板设置

点击“编程模板设置”进入编程模板设置页面（见图 4-20），可以添加模板、删除模板、查看所有模板信息以及修改模板。

添加模板

在“编程模板设置”页面，点击“添加模板”，如下图：

图 4-20 添加模板



从“模板类型”下拉框中选择模板类型，显示对应模板的详细信息，如下图：

图 4-21 模板类型

报告

查询

控制

配置

用户管理

系统日志

掉线设备

网络设置

时间设置

CID描述设置

4+2码描述设置

设备设置

编程模板设置

添加模板

删除模板

显示所有模板

PSTNCARD设置

其他

模板类型236 TL

编程项	编程地址	编程内容
安装员码	00	012345
用户#1密码	01	1234
用户#2密码	02	1234
用户#3密码	03	1234
用户#4密码	04	1234
用户#5密码	05	1234
用户#6密码	06	1234
用户权限设定#1~#6	07	000000
控制主机选项	08	001001
通讯控制选项	09	111101
通讯格式#1~#2	0A	1111
用户#1编号	0B	000000
接收机#1电话号码（电话号码1-6位）	0C	E00000

添加

在“编程内容”栏修改编程内容，修改完成后，点击【添加】，弹出保存对话框，如下图：

图 4-22 模板名称

保存模板

保存

取消

输入模板名称，并点击【保存】。

注意

- “编程模板设置”不适用与 Vista 系列主机。
- 模板名称只能为英文字母和数字，且不允许有空格。

删除模板

在“编程模板设置”页面，点击“删除模板”，如下图：

图 4-23 删除模板



选择需要删除的模板，点击【删除】。

显示所有模板

在“编程模板设置”页面，点击“显示所有模板”，如下图：

图 4-24 显示所有模板

报告

查询

控制

配置

用户管理

系统日志

掉线设备

网络设置

时间设置

CID描述设置

4+2码描述设置

设备设置

编程模板设置

添加模板

删除模板

显示所有模板

PSTNCARD设置

其他

模板名	模板类型	
2316PLUS	2316PLUS	详细信息
2316PLUSII	2316PLUSII	详细信息
2316SUPER	2316SUPER	详细信息
2316TL	2316TL	详细信息
236PLUS	236PLUS	详细信息
236PLUSII	236PLUSII	详细信息
236TL	236TL	详细信息
238C	238C	详细信息
238CPLUS	238CPLUS	详细信息
238CPLUSII	238CPLUSII	详细信息
238cplusii01	238CPLUSII	详细信息
238cplusii02	238CPLUSII	详细信息
238CPLUSII03	238CPLUSII	详细信息
238SUPER	238SUPER	详细信息
238SUPER01	238SUPER	详细信息

共计条记录 1/2页 1 2 下一页 最后一页

点击“详细信息”，显示相应模板的详细信息，如下图：

图 4-25 模板详细信息

详细信息		
编程项	编程地址	编程内容
安装员密码	00	012345
用户#1 密码及布防类型	01	91234E
用户#2 密码及布防类型	02	91234E
用户#3 密码及布防类型	03	91234E
用户#4 密码及布防类型	04	91234E
用户#5 密码及布防类型	05	91234E
用户#6 密码及布防类型	06	91234E
用户#7 密码及布防类型	07	91234E
用户#8 密码及布防类型	08	91234E
布防/密码选项	09	00110
通信格式	0A	1212
通信控制	0B	011108
账号1	0C	000000

若需修改模板，修改后点击【保存】；若不修改，点击【关闭】。

PSTN CARD设置

在进行 PSTN CARD 设置前，请联系供应商或当地的技术支持人员在混合接警机上安装 PSTN CARD。安装步骤的相关内容，参考第 60 页附录安装 PSTN CARD 章节。

注意 混合接警机（标准版）最多可安装 2 张 PSTN CARD。

在“配置”页面，点击“PSTN CARD 设置”进入 PSTN CARD 配置界面，如下图：

图 4-26 PSTN CARD 配置

Honeywell

PSTNCARD 配置

返回

退出

卡_1卡_2无卡无卡无卡无卡无卡

线_1

1号握手音格式:
1号握手音持续时间(ms):
1号握手音等待时间(ms):
1号握手音确认持续时间(ms):
2号握手音格式:
2号握手音持续时间(ms):
2号握手音等待时间(ms):
2号握手音确认持续时间(ms):

FSK

FSK

振铃次数:
来电显示格式:
来电显示等待时间(ms):
来电显示接收增益一:
来电显示接收增益二:
接收增益一:
接收增益二:
发送增益一:
发送增益二:
电话线检测周期(ms):
振铃音最大周期(ms):
振铃音最小周期(ms):
振铃音频率(Hz):
CFSK握手超时时间(ms):

No support

0db

0db

0db

0db

0 0db

0 0db

警告: 修改下面参数需一定专业知识, 请谨慎修改!

FSK发送增益寄存器:
可检测最小DTMF信号持续时间(ms):
可检测最小DTMF信号停止时间(ms):
可检测最小DTMF信号强度一:
可检测最小DTMF信号强度二:
可检测最小FSK信号强度一:
可检测最小FSK信号强度二:

(默认值: 43)
(默认值: 20)
(默认值: 20)
(默认值: 1)
(默认值: 0)
(默认值: 3)
(默认值: 0)

卡_1=00(ver:0.0.3);卡_2=0E(ver:0.0.3);

上一步

下一步

默认值

模板1

保存

载入

界面上方显示有 8 个卡标签；界面左侧显示有 3 个线路标签；界面中部是各项参数名和参数值显示栏。混合接警机最多可支持 2 个 PSTN CARD，每个 PSTN CARD 有 3 路电话线。在配置参数时，对每一个卡的每一路电话线都需要单独进行配置。

点击右上角的“返回”，返回到“混合接警机系统”配置页面（图 4-3）；点击“退出”，返回到“混合接警机系统”登录界面（图 4-1）。

配置线路参数

以配置“卡_1”的“线_1”为例，如下图：

27

图 4-27 卡_1 线_1 配置

HoneywellPSTNCARD 配置

返回注销

卡_1卡_2无卡无卡无卡无卡无卡无卡

线_1

线_2

线_3

1号握手音格式:FSK

1号握手音持续时间(ms):

1号握手音等待时间(ms):

1号握手音确认持续时间(ms):

2号握手音格式:FSK

2号握手音持续时间(ms):

2号握手音等待时间(ms):

2号握手音确认持续时间(ms):

振铃次数:

来电显示格式:No support

来电显示等待时间(ms):

来电显示接收增益一:0db

来电显示接收增益二:0db

接收增益一:0db

接收增益二:0db

发送增益一:0.0db

发送增益二:0.0db

电话线检测周期(ms):

振铃音最大周期(ms):

振铃音最小周期(ms):

振铃音频率(Hz):

CFSK握手超时时间(ms):

警告:修改下面参数需一定专业知识,请谨慎修改!

FSK发送增益寄存器(默认值:43)

可检测最小DTMF信号持续时间(ms):(默认值:20)

可检测最小DTMF信号停止时间(ms):

可检测最小DTMF信号强度一:(默认值:1)

可检测最小DTMF信号强度二:(默认值:0)

可检测最小FSK信号强度一:(默认值:3)

可检测最小FSK信号强度二:(默认值:0)

卡_1=00(ver.0.0.3);卡_2=0E(ver.0.0.3);

上一步下一步默认值

模板1保存载入

点击“卡_1”，并选择“线_1”。“卡_1”和“线_1”标签变成橙色，表明当前用户正在查看或编辑的是“卡_1”的“线_1”。

- 在该界面可配置的参数如下表：

表 4-1 各项参数定义及参数值范围

参数名	参数定义	值范围
1 号/2 号握手音格式	第一个/第二个握手音格式。（DTMF 则为接收 DTMF 格式的数据，FSK 则是接收 FKS 格式的数据）	DTMF/FSK
1 号/2 号握手音持续时间	对 DTMF 和 FSK 都无效，作为保留使用。	无
1 号/2 号握手音等待时间	在 DTMF 握手音格式下有效，表示在 1400 和 2300 握手音信号之间的时间间隔。对 FSK 无效。	0~255ms
1 号/2 号握手音确认持	在 FSK/DTMF 握手音格式下有效，表示	0~65536ms

续时间	握手音发出的持续时间。	
振铃次数	振铃音次数。即设置 PSTN CARD 接收到多少振铃音后才摘机。	0~255
来电显示格式	支持来电显示。（FSK format 则接收 FSK 格式来电显示；DTMF format 则接收 DTMF 格式来电显示；no support 则不支持来电显示接收）	FSK format/DTMF format/NO support
来电显示等待时间	在收到第一次振铃音后等待 DTMF 格式来电显示数据的等待时间。只对 CallerID_Support 是 DTMF format 设置时有效。	0~255（单位 100ms）
来电显示接收增益一/二	接收来电显示时的接收增益。	0db/6db/12db/18db/24db
接受增益一/二	摘机后接收报警数据时的接收增益。	0db/6db/12db/18db/24db
发送增益一/二	发送握手音等数据时的发送增益。	-31.5db~24db
电话线检测周期	判断端口上面是否接上电话线的周期。	0~255（单位 100ms）
振铃音最大周期	保留未使用。	无
振铃音最小周期	只要当单次振铃音的持续时间大于此数值时，PSTN CARD 才可以检测到这次振铃音，主要用来调节可以被 PSTN CARD 检测到的振铃音的有效宽度。	0~255ms
振铃音频率	只有当单次振铃音中触发的中断间隔时间小于此时间时，PSTN CARD 才可以检测到这次振铃音，主要用来调节 PSTN CARD 支持的振铃音频率。	0~255
CFSK 握手超时时间	保留暂时未使用	无
FSK 发送增益寄存器	用来设置 FSK 信号发送增益，计算规则是 $db = (FSK \text{ 寄存器} - 63) / 2$	0~255
可检测最小 DTMF 持	这个是检测时间，只有当 DTMF 信号持续收到时间大于等于这个时间，才会认为	0~255

续时间	这个 DTMF 是有效的。	因每个单位是 0.5ms，所以最大值为 $255 \times 0.5 = 127.5\text{ms}$
可检测最小 DTMF 停止时间	这个是检测时间，只有当 DTMF 信号持续消失时间大于等于这个时间，才会认为这个 DTMF 信号已经结束。	0~255 因每个单位是 0.5ms，所以最大值为 $255 \times 0.5 = 127.5\text{ms}$ 。
可检测最小 DTMF 信号强度一 可检测最小 DTMF 信号强度二	这是 DTMF 信号强度的伐值，只有当 DTMF 信号的强度大于这个值时才会这个 DTMF 信号是有效的。	这两个寄存器的设置值都是 0~255，对应得到的伐值范围为-12db ~ -66db
可检测最小 FSK 信号强度一 可检测最小 FSK 信号强度二	这是 FSK 信号的阈值，只有当 FSK 信号的强度大于这个值时 PSTN CARD 才能检测到 FSK 信号。	这两个寄存器的设置值都是 0~255，请保持默认值，不要随意修改此参数。

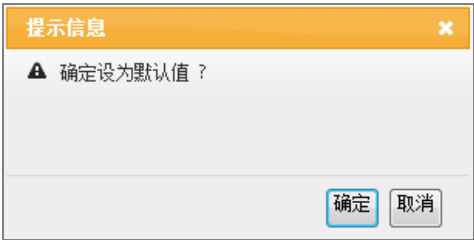
- 【上载】：点击【上载】，获取 PSTN CARD 上的参数配置；
- 【下载】：点击【下载】，弹出确认对话框（如下图），点击【确定】，同步该界面的参数配置到 PSTN CARD，界面无变化；

图 4-28 下载



- 【默认值】：点击【默认值】，弹出确认对话框（下图），点击【确定】，初始化 PSTN CARD 上的参数值，界面无变化。

图 4-29 默认值



- **【保存】**：用户在修改参数配置后，从“模板”下拉框中选择一个模板，点击**【保存】**，弹出提示对话框（下图），点击**【确定】**，可将当前参数配置保存为一个模板作为备用。系统提供 3 个模板供使用。

图 4-30 保存



- **【载入】**：只针对模板使用。当用户需要将参数修改为某一模板的参数时，可以直接选择该模板，点击**【载入】**，将模板参数载入到当前界面。



确保所有参数项都配置完成后，再点击**【保存】**。否则会出现错误信息提示框。

修改线路/模板参数

- **修改线路参数**

要修改某一张 PSTN CARD 的某一条线路的参数配置，登录进入该参数配置界面，点击要修改的卡和线路，在参数栏里直接输入新参数值以覆盖原来的旧参数值。各项参数修改完成后，点击**【上载】**。

• 修改模板参数

要修改某一模板的参数配置，登录进入该参数配置界面，从模板下拉表中选择要修改的模板，点击【载入】，将模板参数载入到当前界面。在参数栏里直接输入新参数值以覆盖原来的旧参数值。各项参数修改完成后，点击【保存】，系统弹出提示框（下图），点击【确定】，将新参数值保存到当前模板。

图 4-31 保存



其它

在“配置”页面，点击“其它”，如下图：

图 4-32 其它



- 允许报告页面刷新：勾选复选框，报告页面（见图4-33）将自动刷新。
- 刷新间隔（秒）：输入报告页面自动刷新的时间间隔（输入数值为1到20间的整数）。
- 串口心跳使能：勾选复选框，开启接警机与接警中心（CMS）间的串口心跳（默认处于开启状态，一般情况请勿修改。如有修改，修改后需重启混合接警机才能应用新的设置）。
- 串口硬件流控制使能：勾选复选框，启用硬件串口流控制；默认为“不启用”。

CID 报告线号：设置 CID 心跳包线号（不同的线号表示不同接收机的心跳包，默认为 00，设置范围为 00~88）。

串口速率设置：设置混合接警机和上位机之间串口的速率；默认为 1200。

点击【确定】保存设置。



除“允许报告页面刷新”和“刷新间隔”两项，其他项的设置均需重启接警机才可生效。

报告

点击“报告”标签页，进入报告页面，如下图：

图 4-33 报告

报告 查询 控制 配置 用户管理 系统日志 掉线设备										
接收时间	设备类型	IP地址	MAC	发送标志	账号	报告码	描述	组ID	用户类型	防区/用户号
2013-10-09 11:17:06	IPM-23	180.168.62.170	000B3C01A670	0	1111	R401	用户布防	00	U	001
2013-10-09 11:15:55	IPM-23	192.168.0.92	001F55140384	0	1234	E401	用户撤防	00	U	001
2013-10-09 11:15:53	IPM-23	192.168.0.92	001F55140384	0	1234	R401	用户布防	00	U	001
2013-10-09 11:14:07	IPM-23	180.168.62.170	000B3C01A670	0	1111	E401	用户撤防	00	U	001
2013-10-09 11:13:06	IPM-23	180.168.62.170	000B3C01A670	0	1111	R401	用户布防	00	U	001
2013-10-09 11:12:34	IPM-23	180.168.62.170	000B3C01A670	0	1111	E401	用户撤防	00	U	001
2013-10-09 11:12:06	IPM-23	180.168.62.170	000B3C01A670	0	1111	R401	用户布防	00	U	001
2013-10-09 11:11:46	IPM-23	180.168.62.170	000B3C01A670	0	1111	E401	用户撤防	00	U	001
2013-10-09 11:11:03	IPM-23	180.168.62.170	000B3C01A670	0	1111	R401	用户布防	00	U	001
2013-10-09 11:10:30	IPM-23	180.168.62.170	000B3C01A670	0	1111	E401	用户撤防	00	U	001
2013-10-09 10:40:36	IPM-23	180.168.62.170	000B3C01A670	0	1111	R401	用户布防	00	U	001
导出 共计16055条记录 1/1460页 1 2 3 4 下一页 最后一页										

点击左下角的【导出】，以 Excel 格式导出报告内容，请参考第 36 页 导出 章节的相应内容。

查询

点击“查询”标签页，进入查询页面：

图 4-34 当前查询



页面左侧列出两类查询方式，分别为“当前查询”（见图 4-34）和“历史查询”（见图 4-35）。其中“当前查询”支持查询当前的报警记录；“历史查询”支持查询历史月份备份的报警记录。

注意

- 默认情况下，在“当前查询”页面下进行查询的结果为当前的报警记录。
- “历史查询”是指对备份数据（在每个月的固定时间，系统会自动将当前所有报警转存到备份数据库中）的查询。

“当前查询”包含以下六种查询方式：

- 按账号查询
- 按时间查询
- 按 IP 地址查询
- 按 CID 查询
- 组合查询
- 高级查询

其中，“高级查询”支持输入正确的 sql 查询语句；“组合查询”支持多个查询条件组合在一起查询。

若要查询当前记录，点击“当前查询”，在页面左侧选择一种查询方式，输入相应信息，点击【查询】，以报告的形式显示查询结果，如 图 4-37 所示。

若要查询历史月份备份的报警记录，点击“历史查询”，显示如下页面：

图 4-35 历史查询



用户可查询已备份的记录。选择月份，点击【确定】，显示如下图所示页面。

图 4-36 历史查询 – 条件



在页面左侧选择一种查询方式，并在相应的查询页面中输入查询条件，点击【查询】，查询结果如下图所示。同时，“报告”页面（见 32 页 报告 章节的相应内容）也显示对应月份备份的历史查询结果。若需在报告页面显示当前报告日志，点击页面左侧的“当前查询”。

图 4-37 查询结果

报告 查询 控制 配置 用户管理 系统日志 掉线设备

接收时间	设备类型	IP地址	Mac	发送标志	帐号	CID	描述	组ID	用户类型	防区/用户号
2010-11-19 14:27:07	MCM	117.136.8.6	013585642445	1	ABCD	E570	防区旁路	01	C	003
2010-11-19 14:27:06	MCM	117.136.8.6	013585642445	1	ABCD	R570	防区旁路(恢复)	01	C	002
2010-11-19 14:27:00	MCM	117.136.8.6	013585642445	1	ABCD	R570	防区旁路(恢复)	01	C	006
2010-11-19 14:26:59	MCM	117.136.8.6	013585642445	1	ABCD	E570	防区旁路	01	C	002
2010-11-19 14:26:02	MCM	117.136.8.6	013585642445	1	ABCD	R306	主机退出编程	01	C	000
2010-11-19 14:21:20	MCM	117.136.8.6	013585642445	1	ABCD	E306	主机进入编程状态	01	C	000
2010-11-19 13:59:46	MCM	117.136.8.6	013585642445	1	ABCD	R306	主机退出编程	01	C	000
2010-11-19 13:55:02	MCM	117.136.8.6	013585642445	1	ABCD	E306	主机进入编程状态	01	C	000
2010-11-19 10:10:58	MCM	117.136.8.6	013585642445	1	ABCD	E570	防区旁路	01	C	006
2010-11-19 10:10:57	MCM	117.136.8.6	013585642445	1	ABCD	E570	防区旁路	01	C	001
2010-11-18 14:25:44	MCM	117.136.8.6	013585642445	1	ABCD	R306	主机退出编程	01	C	000

导出

共计905条记录1/63页 1 2 3 4 下一页 最后一页

点击【导出】，以 Excel 格式导出查询结果。

导出

在查询结果页面（见图4-37）的左下角点击【导出】，可以将查询结果记录中的最近5000条记录以 Excel 格式导出。若查询结果记录总数小于5000条，则按时间由近至远的顺序导出所有记录。若导出记录过多，导出时间可能会超过10秒。

控制

点击“控制”标签页，进入控制页面：

图 4-38 控制

报告 查询 控制 配置 用户管理 系统日志 掉线设备

按账号控制

设备账号

执行

输入设备账号，点击【执行】进入相应主机的控制页面：

- Vista 系列主机见 37 页 图 4-39
- 23XX Super 系列主机见 38 页 图 4-40
- COMPACT-4 系列主机见 页
- 23 系列主机见 40 页 图 4-41

注意 确认所要控制的设备已在“设备设置”中添加，见 13 页 4+2 码描述设置章节的相应内容。

控制（Vista 主机）

通过键盘反控 Vista 主机，如下图：

图 4-39 键盘反控（Vista 主机）



键盘信息显示栏：显示键盘信息。

通过键盘输入指令（输入指令显示在键盘下方的显示栏中）并点击【发送】，从而控制主机。点击  可删除输入的内容。具体操作请参考对应主机的操作手册。

注意 若需触发软防区，点击软防区按键，然后点击“#”键确认触发。

控制（23XX Super系列主机）

对 23XX Super 系列主机进行快速设定。

快速设定（23XX Super系列主机）

在“控制”页面（见图 4-38）输入 23XX Super 系列主机的设备账号后，进入“23 主机快速设定”页面，如下图：

图 4-40 23XX Super 系列主机快速设定



操作区：点击各功能键进行相关操作。各功能键说明如下：

功能键	功能
布防	系统布防。
撤防	系统撤防。
旁路	在弹出的“防区旁路选择”栏中选择要旁路的防区，然后点击【确定】旁路防区。
解除旁路	在弹出的“防区旁路选择”栏取消选择所要解除旁路的防区，然后点击【确定】解除旁路。
进入编程	进入编程设定界面，见 42 页编程设定。
清除报警记忆	清除所有防区的报警状态。

防区门铃开	启用防区门铃提示音。
防区门铃关	禁用防区门铃提示音。
组旁路布防	布防系统，设定为组旁路允许的防区都被旁路。
组旁路即时布防	布防系统，设置为组旁路允许的防区都被旁路。 同时，延时防区转换成即时防区。
即时布防	布防系统，同时延时防区转换成即时防区。
辅助电源复位	辅助电源复位。
主机复位	主机复位。
电池测试	测试电池，同时“主机状态”栏显示“电池测试中”。测试结束后，显示“电池测试结束”，同时“主机状态”显示测试结果：“电池电压低”或“电池电压正常”。
警号测试	测试警号输出。
报警中心测试	触发主机发送一条测试报告到指定的接警中心。
用户取消	确认防区的报警状态。
关闭主机	关闭主机。
开启主机	开启主机。
启动紧急报警	启动紧急报警，主机向监控中心发送报警报告。

防区状态：显示防区状态。当防区进入报警、旁路、失效或故障状态时，对应防区的指示灯变亮（以防区 1 为例，如 ）。

主机状态：显示主机的状态。

注意 若已更新版本，需刷新页面。

控制（COMPACT-4 系列主机）

COMPACT-4 系列主机的控制操作与 23XX 系列主机相似，参考第 37 页 *控制（23XX Super 系列主机）* 章节。

控制（23 系列主机）

键盘反控

注意 在“键盘反控（23 主机）”页面（见图 4-41），若 5 分钟无鼠标点击或键盘按键操作，则自动返回到“控制”页面（见图 4-38）。

点击页面左栏的“键盘反控”，可通过键盘反控 23 主机，如下图：

图 4-41 键盘反控（23 主机）



操作区：通过点击键盘区的按键输入指令（请参考对应主机的操作手册）。例如：旁路防区 9，请按顺序点击 ，“9”和“#”。“键盘信息显示栏”显示通过键盘输入的信

息，点击  可删除输入的内容。输入编程设定指令可进入“23 主机编程设定”界面，见 [图 4-43](#)。

注意 若需触发软防区，点击软防区按键，然后点击“#”键确认触发。

防区状态：显示防区状态。当防区进入报警、旁路、失效或故障状态时，对应防区的指示灯变亮（）。

主机状态：显示主机的状态。

快速设定（23 系列主机）

注意 Vista 主机不支持快速设定。

点击页面左栏的“23 主机快速设定”（见 [图 4-41](#)），使用快捷键控制主机状态，如下图：

图 4-42 23 主机快速设定



在“操作区”点击防区号，使对应的防区进入旁路状态（待所选防区进入旁路状态后再选择下一个防区）。点击【布/撤防】改变主机布防和撤防状态。点击【编程设定】进入编程设定界面，见 [图 4-43](#)。

网络操作

“防区状态”栏显示防区状态。当防区进入报警、旁路、失效或故障状态时，对应防区的指示灯从暗（）变亮（）。

“主机状态”栏显示主机状态。

注意

在“23 主机快速设定”页面，若 5 分钟无鼠标点击或键盘按键操作，则自动返回到“键盘反控”页面（见图 4-41）。

编程设定

进入编程设定界面（见**图 4-43**）后，可进行如下操作：载入模板、保存模板、删除模板、退出编程、下载和上载。

注意

在“23 主机编程设定”页面（见下图），若 5 分钟无上载或下载操作，则自动返回到“键盘反控”页面（见图 4-41）。

图 4-43 23 主机编程设定

报告

查询

配置

用户管理

系统日志

终端设备

按帐号控制

键盘防控

23主机快速设定

23主机编程设定

编程项	编程地址	编程内容	上载内容	
安装员密码	00	012345		□●
用户#1密码及布防类型	01	91234E		□●
用户#2密码及布防类型	02	91234E		□●
用户#3密码及布防类型	03	91234E		□●
用户#4密码及布防类型	04	91234E		□●
用户#5密码及布防类型	05	91234E		□●
用户#6密码及布防类型	06	91234E		□●
用户#7密码及布防类型	07	91234E		□●
用户#8密码及布防类型	08	91234E		□●
布防密码选项	09	00110		□●
通信格式	0A	6868		□●
通信控制	0B	011108		□●
账号1	0C	000000		□●
#1接收机电话号码（数据位1-6）	0D	E00000		□●
#1接收机电话号码（数据位7-12）	0E	000000		□●
#1接收机电话号码（数据位13-18）	0F	000000		□●
账号2	10	000000		□●

载入模板

保存模板

删除模板

退出编程

全选

不选

下载

上载

载入模板

在图 4-43 中点击【载入模板】，弹出以下对话框显示“当前载入的模板”和可选择的模板：

图 4-44 载入模板

载入模板

当前载入的模板：238SUPER
请选择你要载入的模板：

	模板名
☐	238SUPER
☐	238SUPER01
☐	238SUPER02

共计条记录 1/1页 1

载入模板

取消

选择所需载入的模板，点击【载入模板】，载入成功后，显示如下提示信息。若不载入模板，点击【关闭】。

图 4-45 载入模板成功

提示信息

☒ 载入成功，按确定返回

确定

保存模板

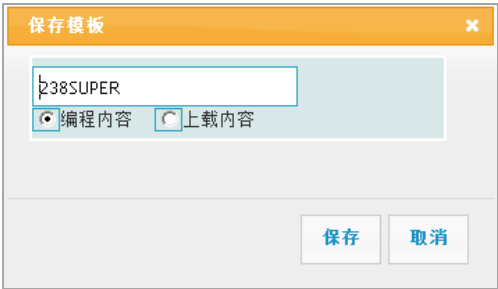
可以分别将“编程内容”栏或“上载内容”栏的数据作为模板保存。

保存编程内容

将“编程内容”栏的数据保存为模板，操作如下。

在图 4-43 中修改“编程内容”栏的数据，点击【保存模板】，如下图：

图 4-46 保存模板



输入模板名称，选择“编程内容”复选框，并点击【保存】。

注意

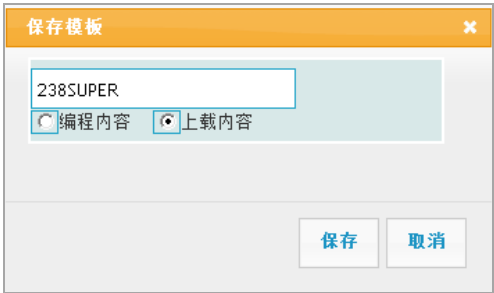
对于 23XX Super 系列主机，编程内容中标记为灰色的编程地址为只读，即在“编程设定”操作中，只能进行上载操作而不能进行下载操作。灰色部分的内容可通过主机键盘进行编辑设定。

保存上载内容

将“上载内容”栏的数据保存为模板，操作如下。

在图 4-43 中选择所有编程项，点击【上载】，从主机上载数据到接警机（参考 46 页上载）。上载完成后，点击【保存模板】，如下图：

图 4-47 保存模板-上载内容



输入模板名称，选择“上载内容”复选框，并点击【保存】。

注意

模板名称只能为英文字母和数字，且不允许有空格。

删除模板

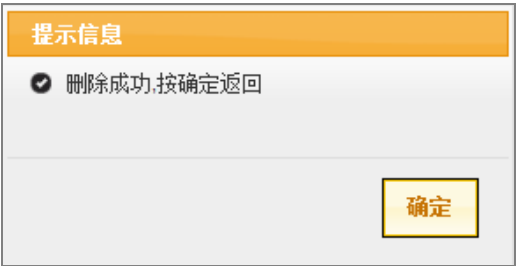
在图 4-43 中点击【删除模板】，显示删除模板界面，如下图：

图 4-48 删除模版



选择所要删除的模板，并点击【删除模板】，显示确认对话框，点击【确定】，确认删除，删除成功后显示如下提示信息。

图 4-49 删除成功



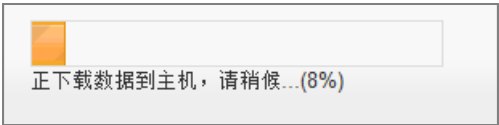
退出编程

在图 4-43 中点击【退出编程】，返回“键盘反控”界面，见图 4-41。

下载

在图 4-43 中选择编程项，设置编程内容后，点击【下载】，将数据下载到主机，如下图：

图 4-50 下载



下载数据成功后，显示如下页面：

图 4-51 下载成功



若下载数据失败，显示如下页面，对应编程选项的指示灯由灰色变为红色。

图 4-52 下载失败



上载

在图 4-43 中选择编程项，点击【上载】，从主机上载数据到接警机，如下图：

图 4-53 上载



上传数据完成后，显示提示信息，如下图：

图 4-54 上载完成



用户管理

点击“用户管理”标签页，进入用户管理页面（见图 4-55），可添加用户、删除用户、修改密码及修改用户。

添加用户

在页面左栏点击“添加用户”，显示如下页面：

图 4-55 添加用户



- **用户名：**输入用户名（仅支持字母和数字，5-20 个字符）

网络操作

- **用户类型**：选择用户类型（移动用户、访客、操作员或管理员）
- **用户密码**：输入用户密码（5-20 个字符）
- **确认密码**：再次输入密码

点击【添加】完成。

注意

- “移动用户”权限：移动用户可登录安卓市场下载相应的混合接警机应用程序，详情请咨询供应商。
- “访客”权限：报告、查询、用户管理（只能修改自身密码）和设备掉线功能（不能设置“忽略”）。
- “操作员”权限：报告、查询、控制（在“23 主机快速设定”功能下，无“编程设定”操作）、用户管理（只能修改自身密码）、系统日志和掉线设备（不能设置“忽略”）。
- “管理员”权限：报告、查询、控制、配置（不具有导入和导出设备的权限）、用户管理（添加用户时只能添加操作员和访客）、系统日志和掉线设备。
- “超级管理员”权限：具有所有权限。

删除用户

在页面左栏点击“删除用户”，显示如下页面：

图 4-56 删除用户



选择需要删除的用户，点击【删除】。

修改密码

在页面左栏点击“修改密码”，显示如下页面：

图 4-57 修改密码



输入当前密码、新密码并确认新密码，点击【确定】。修改成功后，提示修改密码成功，如下图：

图 4-58 修改密码成功



修改用户

在页面左栏点击“修改用户”，显示如下页面：

图 4-59 修改用户



点击“修改”，可以修改用户信息，如下图：

图 4-60 修改用户信息

用户信息

用户名

manager

用户类型

管理员

新密码

确认新密码

保存

关闭

用户名：不可修改

用户类型：从下拉框中选择用户类型

新密码：输入新密码

确认新密码：再次输入新密码

点击**【保存】**保存所修改的信息；点击**【关闭】**退出。

修改关联

在页面左栏点击“修改关联”，显示如下页面：

图 4-61 修改关联



点击对应用户名栏的“修改关联”，查看和修改该用户的设备关联信息。该用户具有控制已选择管理设备的权限（见 36 页 *控制*）。如下图：

图 4-62 关联设备

详细信息

	设备账号	设备类型	安装地址
☐	0128	Vista-250	中国122222
☐	0765	Vista-250	1234
☐	1000	238SUPER	12345
☐	1001	2316PLUSII	012345
☐	2000	236TL	李冰路430号
☐	0000	236PLUSII	中华人民共和国
☐	0001	238C	12
☐	0002	236TL	1
☐	0003	COMPACT-4	11111111111111
☐	0004	2316PLUSII	22
☐	0005	236PLUSII	111
☐	0006	2316PLUSII	1
☐	111111	236PLUS	111111111
☐	111333	236TL	11111
☐	200000	238SUPER	1

共计23条记录 1/2页 1 2 下一页 最后一页

全选

全不选

保存

取消

选择关联设备，或者取消选择关联的设备，点击【保存】。

注意

只有超级管理员能修改关联设备，管理员只能查看关联设备，操作员和访客不能访问此界面。

系统日志

点击“系统日志”标签页，进入系统日志页面（见图 4-63），可查看所有日志及进行日志查询。

所有日志

在页面左栏点击“所有日志”，可查看所有日志，如下图：

图 4-63 所有日志

报告		查询		控制		配置		用户管理		系统日志		掉线设备	
所有日志													
日志查询													

点击【导出】，以 Excel 格式导出所有日志。

日志查询

在页面左栏点击“日志查询”，可按照用户名查询日志，如下图：

图 4-64 日志查询

报告	查询	控制	配置	用户管理	系统日志	掉线设备
所有日志						
日志查询						
用户名 查询						

输入用户名，然后点击【查询】，显示日志查询结果，如下图：

图 4-65 日志查询结果

报告	查询	控制	配置	用户管理	系统日志	掉线设备
所有日志						
日志查询						
	操作时间	用户名	操作记录			
	2013-10-09 16:28:10	admin	登录系统			
	2013-10-09 16:28:10	admin	登录系统			
	2013-10-09 16:28:10	admin	登录系统			
	2013-10-09 16:28:10	admin	登录系统			
	2013-10-09 16:27:37	admin	注销退出			
	2013-10-09 16:26:13	admin	忽略选项			
	2013-10-09 16:22:02	admin	登录系统			
	2013-10-09 16:22:01	admin	登录系统			
	2013-10-09 16:22:01	admin	登录系统			
	2013-10-09 16:21:37	admin	注销退出			
	2013-10-09 15:50:55	admin	登录系统			
	导出	共计761条记录 1/70页 1 2 3 4 下一页 最后一页				

点击【导出】，以 Excel 格式导出日志。

掉线设备

点击“掉线设备”标签页，显示所有已添加设备的掉线信息（“添加设备”请参考 13 页 4+2 码描述设置章节的相应内容），如下图（未添加的设备不会在此显示）。当设备重新连接时，掉线设备信息自动删除。建议将长期不使用的设备删除（见 18 页 删除设备章节的相应内容）。

图 4-66 掉线设备

报告	查询	控制	配置	用户管理	系统日志	掉线设备
☐	设备账号	时间	状态			
☐	1234	2013-10-08 12:52:42	不关注			
☐	5555	2013-10-08 12:52:42	掉线			
☐	7120	2013-09-30 12:59:51	掉线			
				共计3条记录 1/1页 1		
全选 不选				忽略		

若选择不关注某设备的掉线信息，选择对应设备，点击【忽略】，则对应设备的状态变为“不关注”，如下图：

图 4-67 忽略

报告

查询

控制

配置

用户管理

系统日志

掉线设备

	设备账号	时间	状态
☐	1234	2013-10-08 12:52:42	不关注
☐	5555	2013-10-08 12:52:42	不关注
☒	7120	2013-09-30 12:59:51	掉线

共计3条记录 1/1页 1

全选

不选

忽略

5 接警平台网络结构及路由器配置

连接在广域网的报警设备的报警信息通过路由器转发给处于局域网的混合接警机，因此需要对路由器进行一定配置以保证混合接警机的安全有效接警。按照以下步骤设置路由器：(不同路由器的配置页面不一样，以下步骤仅供参考)

1. 在浏览器地址栏中输入<http://192.168.0.1>，打开路由器配置界面。
2. 关闭 DHCP 功能：DHCP 自动分配 IP 地址，可能造成混合接警机 IP 地址不固定，从而无法接警。

在“DHCP 服务器”配置页面下（如下图所示），去掉“DHCP 服务器”的“启用”复选框前的勾，并点击【保存】：

图 5-1 DHCP 配置

DHCP 服务器

DHCP 服务器 ☐ 启用

IP 池开始地址 192.168.0. 200

IP 池结束地址 192.168.0. 201

过期时间 1 天 : 0 小时 : 0 分 (默认值 一天)

DNS 代理 ☐ 启用 (非特殊需要, 请勿启用)

保存 还原 帮助

3. 设置虚拟服务器以便接受广域网报警，需要设置的端口有：TCP-7838 和 UDP-7839，启用这些端口以便混合接警机能有效的收到广域网的报警。

在“虚拟服务器”配置页面下，将 TCP-7838 端口和 UDP-7839 端口添加至启用端口列表中，如下图所示：

图 5-2 虚拟服务器配置



4. 按照以下 4 点对路由器进行安全设置：
- 忽略来自 WAN 口的 Ping 包，避免恶意侦测（见第 58 页的图 5-3）。
 - 启用防网络攻击，防止 DOS 攻击（见第 59 页的图 5-4）。
 - 启用过滤功能，仅允许通过 TCP-7838 端口的数据包，防止恶意入侵（见 59 页的图 5-5）。
 - 将路由器密码设置为安全性较高的密码（位数不少于 15，由字母+数字+特殊符号组成）。

忽略来自 WAN 口的 Ping 包 — 在“WAN 口 Ping”页面中选择“忽略”，并点击【保存】：

图 5-3 WAN 口 Ping



启用防网络攻击 — 在“防网络攻击支持”页面中选择“启用”，并点击【保存】：

图 5-4 防网络攻击



过滤端口配置 — 在“客户端过滤”页面下，点击【添加】，将 TCP-7838 端口添加至允许数据包通过的端口列表中，并点击【保存】：

图 5-5 客户端过滤



6 附录安装 PSTN CARD

按照以下步骤在混合接警机上安装 PSTN CARD:

1. 关闭混合接警机电源，打开机箱；
2. 根据 PSTN CARD 的数量，分别按以下步骤安装：
 - 一个 PSTN CARD
将 PSTN CARD 按照卡槽对应位置插到 PCI 插槽的任一插槽中。
 - 两个 PSTN CARD
 - 分别对两个 PSTN CARD 进行拨码开关设置（关于拨码开关的介绍，参考《PSTN CARD 安装说明》），并确保拨码值不相同；
 - 分别将这两个卡按照卡槽 PCI 插槽 中。注意，PCI 插槽按后面板示意图（[图 2-1](#)）从左到右顺序，确保拨码值小的 PSTN CARD 安装在拨码值大的 PSTN CARD 左边的插槽上。
 - 装好挡板，合上机箱，拧紧螺丝。
3. 把 USB 线一端插到 PSTN CARD 上，一端插到混合接警机的 USB 接口上（关于连接 USB 线的介绍，参考《PSTN CARD 安装说明》）。

中国 RoHS

根据信息产业部等部委颁布的《电子信息产品污染控制管理办法》及相关标准的要求，混合接警机的相关信息如下：

- 1. 产品的环保使用期限为 10 年，保证该环保使用期限的安装及使用注意事项见产品使用手册；
- 2. 产品中有毒有害物质或元素的名称及含量见下表：

产品中有毒有害物质或元素的名称及含量

部件名称	有毒有害物质或元素					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
箱体组件	X	O	O	O	O	O
印刷电路板组件	X	O	X	O	O	O
线缆	X	O	O	O	O	O
电源模块	X	O	O	O	O	O
LED 显示器	X	O	O	O	O	O
O：表示该有毒有害物质在该部件所有均质材料中的含量均在 SJ/T11363-2006 标准规定的限量要求以下。 X：表示该有毒有害物质至少在该部件的某一均质材料中的含量超出 SJ/T11363-2006 标准规定的限量要求。						



Packing List

Check if the packing contents match the packing list on receiving the products. The packing list is as below:

Part	Quantity
Doppio mini	1
User Guide	1
Serial Port Cable	1
Power Adapter Cable	1

Contact your local retailer if anything is missing in your package.

1 Introduction

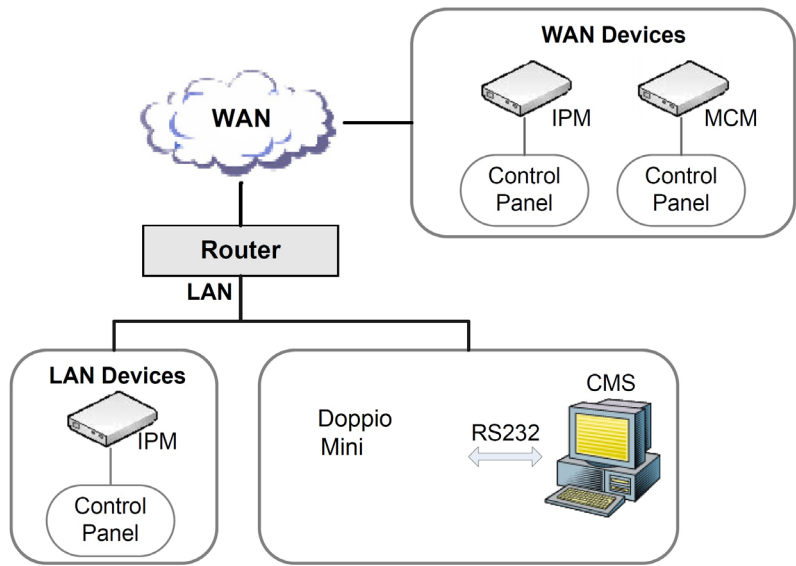
The Doppio mini receives alarms from IP module through Ethernet and transmits them to the CMS (Central Monitoring System). The Doppio mini can be connected to the alarm devices of various models, provide reliable communication based on TCP protocol, send received alarms to CMS via RS232 serial port cable, and stores alarms in its database. Alarms can be searched with the keys and display on the front panel. User can also log in to the Doppio mini System to search, manage and back up the received alarms.

Features:

- Support remote arm and disarm by smart phones.
- Support PSTN and IP alarm.
- Support CID, 4+2 and CFSK format alarm.
- Support all Honeywell network devices and panels (IPM series, MCM series and COMPACT-4).
- Up to 200 alarm devices can be connected to Doppio mini.
- System configuration, database operations, user management, alarm search, log search and device management are available through remote login to the Doppio mini system.
- Display and operating buttons for searching alarms
- LED indicators for system operations
- RS232 serial-port output based on the 685 protocol
- The panel can be controlled through the internet; remote keyboard control and program settings are available.
- At 00:00 of the first day of each month, the Doppio mini automatically backs up all the alarms stored in the database.

The application diagram of Doppio mini is as follows:

Figure 1-1 Application Diagram



Notes: IP Module; MCM: Mobile Communication Module; CMS: Central Monitoring System

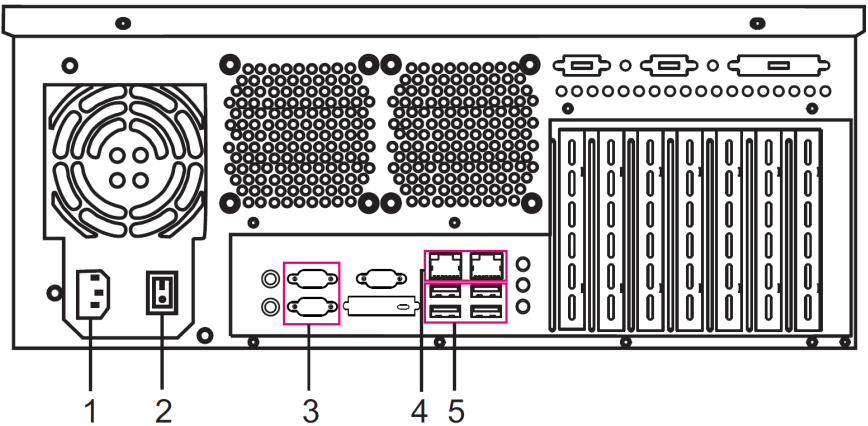
Specifications:

Parameter	Value
Power Supply	100-240 VAC
Dimension	166 mm (H) ×428 mm (W) ×496 mm (D)
Weight	13.5 kg
Mounting	Rack Mounting
Operating Temperature	0°C~+50°C

2 Interfaces and Wiring

Rear Panel

Figure 2-1 Rear Panel



No.	Name	No.	Name
1	Power Supply (220 VAC)	4	Left: Ethernet Port 2 Right: Ethernet Port 1
2	Power Switch	5	USB
3	Up: COM1 Serial Port Down: COM4 Serial Port		

Before connecting the Doppio mini and CMS, Doppio mini customized CID (be reported with the Device No.FFFE) should be added in the CMS software. Refer to the following table for the CID to be added.

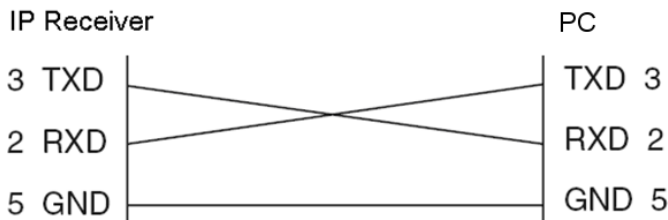
CID	Description
-----	-------------

Interfaces and Wiring

E001	Frequent connection
R001	Frequent connection recovery
E002	Port scan
R002	Port scan recovery
E901	Communication error of the front panel
R901	Communication recovery of the front panel
E903	Network port disconnection
R903	Network port disconnection recovery

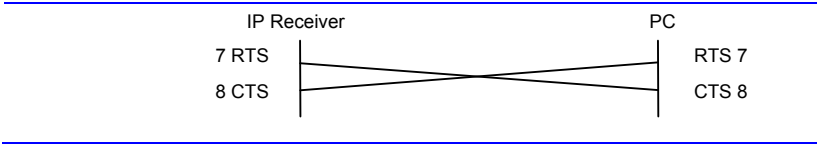
CMS can be connected to Doppio mini via COM2 port. Refer to the following illustration for making the 9-pin female to female serial cable:

Figure 2-2 9-pin serial cable



Instructions on how to use the serial cable:

- The standard serial cable come with the Doppio mini is recommended.
- On condition that other serial cable should be used to connect devices, the cable should be shorter than 3m.
- Serial port isolators should be installed if serial cable of longer than 3m is used.
- To enable the serial port hardware flow control function, refer to the following illustration for connecting the 9-pin serial cable:



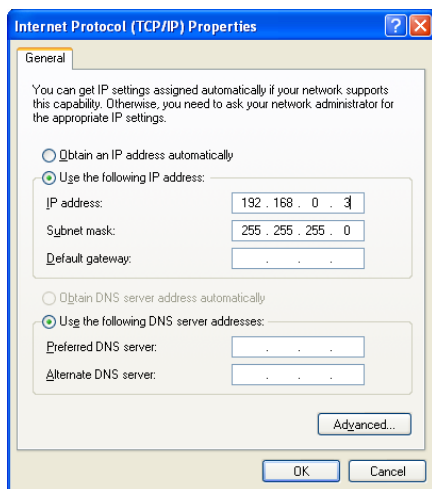
CMS software is based on the Bell103 protocol to perform the reverse control (operation steps differ according to different CMS software provided by the third party).

3 System Configuration

Doppio mini was assigned the factory default IP addresses 192.168.0.2, for the gigabit Ethernet port shown in [Figure 2-1](#) on page 71. You can assign the IP addresses for the port. Follow these steps to assign the address:

1. Modify the “Internet Protocol (TCP/IP)” properties of computer that would be connected to the Doppio mini (see the following figure).

Figure 3-1 Internet Protocol (TCP/IP) Properties



Select “Use the following IP address” and specify an IP address in the same subnet as the factory default IP address (for example, 192.168.0.3). Click **OK** to save the application.

2. Connect the computer with the Doppio mini via the gigabit Ethernet port.
3. Log in to “Doppio mini System” to change the network configuration. For detailed steps, see [Network](#) on page 77.

4 Network Operations

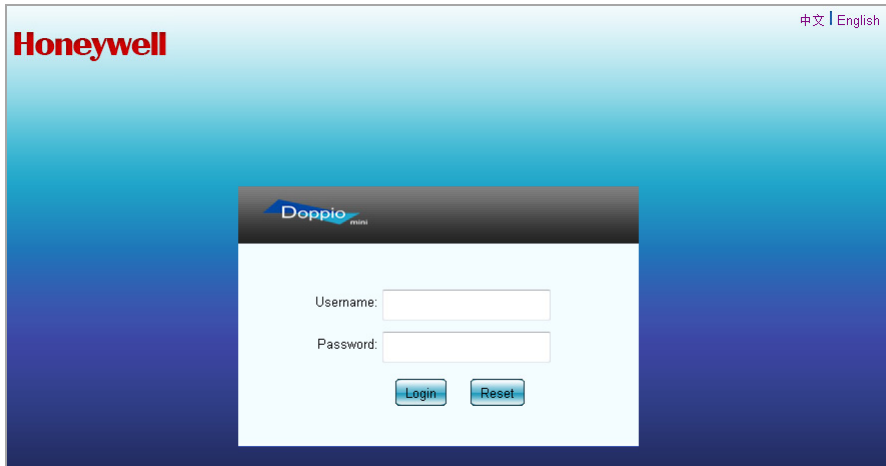
Login

When the computer and the Doppio mini are on the same subnet, input the IP address of the Doppio mini in the address bar of the browser to log in to the Doppio mini system.

Note

- If the computer is connected to the internet and the Doppio mini is connected to the intranet, you must configure the router first according to the chapter "*Network Structure and Configuration on Router*" on page 125, and then input the IP address of the router's WAN port in the browser to log in to the Doppio mini System (support Internet Explorer 6.0 and Internet Explorer 8.0).
- If display glitch appears, check the video card.

Figure 4-1 Login



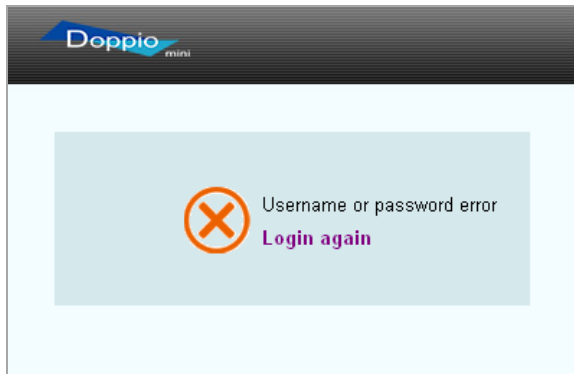
To enter the English interface, click "English" on the upper right corner. To enter the Chinese interface, click "中文".

Input "Username" and "Password" (default username: admin, default password: admin). Then click **Login** to enter the Doppio mini system (see *Figure 4-3* on page 77) or click **Reset** to input again.

Network Operations

If the username or password is incorrect, the following window is displayed.

Figure 4-2 Username or Password Error



Click "Login again" to return to the login window (see *Figure 4-1* on page 75).

Configuration

The following window will be displayed after successful login.

There are seven tabs: **Report**, **Search**, **Control**, **Configuration**, **User**, **Log** and **Offline Device**. User type (super administrator, administrator, operator or visitor) and device status (Online or Offline) are shown on the upper right corner. Click  to exit the system and return to the Login window (see *Figure 4-1* on page 75).

Figure 4-3 Configuration

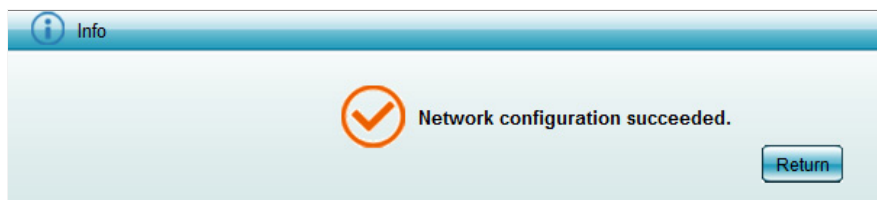
Network

On the **Configuration** tab, click “Network” to configure network (see [Figure 4-3](#) on page 77). The Doppio mini must be assigned a unique IP address which hasn’t been used by other devices after system configuration (see [System Configuration](#) on page 74). One Doppio mini can be assigned one IP addresses. Please refer to the following paragraph for network configuration and buzzer setting:

- Assign a unique IP address for Gigabit Ethernet port.
- Select the port to enable the buzzer (if the port is selected, the buzzer will beep when the corresponding port is disconnected.).

Click **OK** and the following window is displayed.

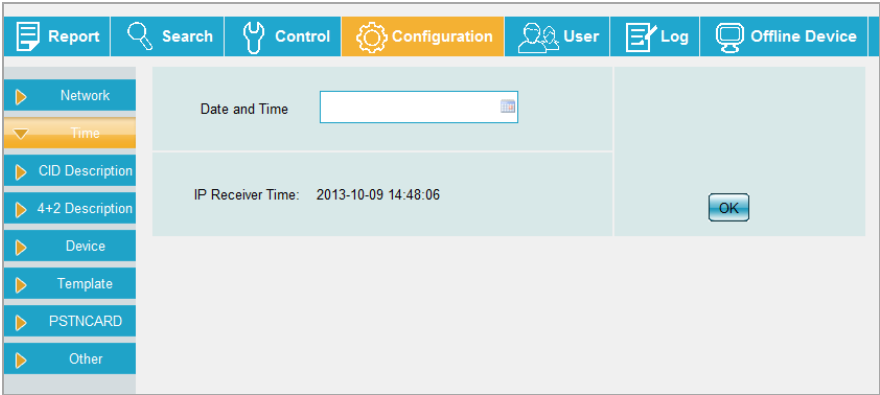
Figure 4-4 Network Configuration Succeeded



Time

On the **Configuration** tab (see *Figure 4-3* on page 77), click “Time” to set the date and time for the Doppio mini system (see the following figure).

Figure 4-5 Time Setting



Date and Time: Select the date and time by clicking the input box.

Click **OK** to confirm.

Note

It is recommended that the **Date and time** is modified for the first login. Data of the system will be affected if time is modified later.

CID Description

On the **Configuration** tab (see *Figure 4-3* on page 77), click “CID Description” to add CID, delete CID, check CID information and modify CID description (see the following figure).

Figure 4-6 CID Description

The screenshot shows the Honeywell Configuration interface. The top navigation bar includes tabs for Report, Search, Control, Configuration (selected), User, Log, and Offline Device. On the left sidebar, the Configuration menu is expanded, showing options like Network, Time, CID Description (selected), Add CID, Delete CID, All CID, 4+2 Description, Device, Template, PSTNCARD, and Other. The main content area displays the CID Description form with two input fields: CID and Description, and an Add button.

Add CID

On the **Configuration** tab (see [Figure 4-3](#) on page 77), select **CID Description**→**Add CID** and [Figure 4-6](#) is displayed.

Input “CID” and “Description”, and then click **Add** to add a new CID.

In the Chinese interface, the “Description” of the newly added CID is empty. Enter the Chinese interface and then add the description of the CID in the Chinese interface by selecting **CID Description**→**All CID**→**Details** (see [Figure 4-9](#)).

Note

- “Description” content can't exceed 40 characters.
- One word can't exceed 18 characters.

Delete CID

On the **Configuration** tab (see [Figure 4-3](#) on page 77), select **CID Description**→**Delete CID** and the following window is displayed.

Figure 4-7 Delete CID



Select the CID to be deleted and click **Delete**.

All CID

On the **Configuration** tab (see *Figure 4-3* on page 77), select **CID Description**→**All CID** and the following window is displayed.

Figure 4-8 All CID

Report

Search

Control

Configuration

User

Log

Offline Device

Network

Time

CID Description

Add CID

Delete CID

All CID

4+2 Description

Device

Template

PSTNCARD

Other

CID	
E001	Detail
E002	Detail
E100	Detail
E101	Detail
E110	Detail
E111	Detail
E112	Detail
E113	Detail
E114	Detail
E120	Detail
E121	Detail
E122	Detail
E123	Detail
E124	Detail
E125	Detail

Export

133 Records Page 1/9 1 2 3 4 Next Last

Click **Export** to export all the CID information to Excel file.

Click “Details” to view or modify the CID description (see the following figure).

Figure 4-9 CID Details

Report

Search

Control

Configuration

User

Log

Offline Device

Network

Time

CID Description

Add CID

Delete CID

All CID

Device

Template

Other

CID	
E001	Detail
E002	Detail
E100	Detail
E101	Detail
E110	Detail

Detail

CID

E001

Description

Frequent connection

Save

Close

Export

129 Records Page 1/9 1 2 3 4 Next Last

To modify the CID description, enter a description and click **Save**.

4+2 Description

On the **Configuration** tab (see *Figure 4-3* on page 77), click “4+2 Description” to add 4+2, delete 4+2, check 4+2 information and modify 4+2 description (see the following figure).

Add 4+2

On the **Configuration** tab (see *Figure 4-3* on page 77), select **4+2 Description→Add 4+2** and the following figure is displayed.

Figure 4-10 Add 4+2

Input “4+2” and “Description”, and then click **Add** to add a new 4+2.

In the Chinese interface, the “Description” of the newly added 4+2 is empty. Enter the Chinese interface and then add the description of the CID in the Chinese interface by selecting **4+2 Description→All 4+2→Details** (see *Figure 4-13* 4+2 Details).



- “Description” content can’t exceed 40 characters.
- One word can’t exceed 18 characters.

Delete 4+2

On the **Configuration** tab (see *Figure 4-3* on page 77), select **4+2 Description→Delete 4+2** and the following window is displayed.

Figure 4-11 Delete 4+2



Select the 4+2 to be deleted and click **Delete**.

All 4+2

On the **Configuration** tab (see *Figure 4-3* on page 77), select **4+2 Description**→**All 4+2** and the following window is displayed.

Figure 4-12 All 4+2

Report

Search

Control

Configuration

User

Log

Offline Device

▶ Network

▶ Time

▶ CID Description

▼ 4+2 Description

Add 4+2

Delete 4+2

All 4+2

▶ Device

▶ Template

▶ PSTNCARD

▶ Other

4+2	
00	Detail
01	Detail
02	Detail
03	Detail
04	Detail
05	Detail
06	Detail
07	Detail
08	Detail
09	Detail
0A	Detail
0B	Detail
0C	Detail
0D	Detail
0E	Detail

Export

256 Records Page1/18 1 2 3 4 Next Last

Click **Export** to export all the CID information to Excel file.

Click “Details” to view or modify the 4+2 description (see the following figure).

Figure 4-13 4+2 Details

Detailed information

4+2

00

Description

system trouble

SAVE

Cancel

To modify the 4+2 description, enter a description and click **Save**.

Device

On the **Configuration** tab (see *Figure 4-3* on page 77), click “Device” to add, delete, search and view devices (see *Figure 4-10* on page 85).

Add Device

On the **Configuration** tab (see *Figure 4-3* on page 77), select **Device→Add Device** and the following window is displayed.

Figure 4-14 Add Device

Enter “Device No.” (device no. can only contain 4 or 6 characters including number 0 to 9 or/and letter A to F), “MAC”, “Installation Address”, “Panel Type” (select from the drop-down list), “Installer Code”, and “Operator Code”. Then click **Add** to add a device.

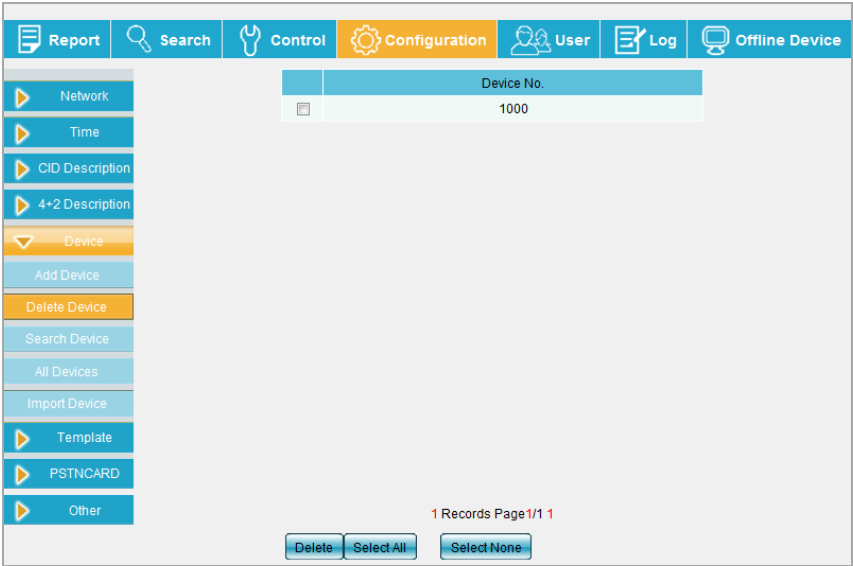
Note

- For MCM module, the “Device No.” and “MAC” entered must be the same as the actual device number and MAC of the module.
- For IPM-23 Super series module, the “Device No.” and “MAC” entered must be the same as the actual device number and MAC of the module.
- For IPM-23 and IPM-Vista module, the “MAC” entered must be the same as the actual MAC of the module. The “Device No.” can be user-defined.

Delete Device

On the **Configuration** tab (see *Figure 4-3* on page 77), select **Device→Delete Device** and the following window is displayed.

Figure 4-15 Delete Device



Select the device to be deleted and click **Delete**.

Note It is recommended to delete the device that hasn't been used for a long time.

Search Device

On the **Configuration** tab (see *Figure 4-3* on page 77), select **Device→Search Device** and the following window is displayed.

Figure 4-16 Search Device

The screenshot displays the Honeywell configuration software interface. At the top, there is a navigation bar with tabs: Report, Search, Control, Configuration (highlighted in orange), User, Log, and Offline Device. On the left side, there is a vertical menu with options: Network, Time, CID Description, 4+2 Description, Device (expanded), Add Device, Delete Device, Search Device (highlighted in orange), All Devices, Import Device, Template, PSTNCARD, and Other. The main area of the interface shows a light blue background with the text "Device No." followed by a text input field and a "Search" button.

Input "Device No." and click **Search**. The device will be shown on the page.

All Device

On the **Configuration** tab (see [Figure 4-3](#) on page 77), select **Device**→**All Device** and the following window is displayed.

Figure 4-17 All Device

Report

Search

Control

Configuration

User

Log

Offline Device

Network

Time

CID Description

4+2 Description

Device

Add Device

Delete Device

Search Device

All Devices

Import Device

Template

PSTNCARD

Other

Device No.	Panel Type	MAC	
1004	COMPACT-4	013402178789	Detail
1008	238SUPER	015821744426	Detail
1907	238CPLUSII	015821744437	Detail
2907	238CPLUSII	013671844873	Detail
3316	2316SUPER	015821744436	Detail
3326	2316SUPER	000B3C5B4B09	Detail
3907	238CPLUSII	013788996309	Detail
888888	COMPACT-4	013015385355	Detail

Export

1 Records Page 1/1 1

Click **Export** to export all the device information to Excel file. The exported file is for backup only. Do not modify the file.

Note

Only "Super Administrator" can export the device information. Other users can not view the **Export** button and cannot export device information.

Click "Detail" to show detailed information of the corresponding device (see the following figure).

Figure 4-18 Device Detail

Detailed information	
Device No.	0000
Panel Type	238CPLUSII
Installer Code	012345
Operator Code	1234
MAC	000B3C219E98
Relate User	
Installation Address	123

SAVE Cancel

Input “Panel Type”, “Installer Code”, “Operator Code”, “Installation Address” and click **Save**. “Device No.”, “MAC” and “Relate User”(view all the related users from the drop-down list) can't be modified.

Import Device

On the **Configuration** tab (see [Figure 4-3](#) on page 77), select **Device→Import Device** and the following window is displayed.

Figure 4-19 Import Device

Report Search Control Configuration User Log Offline Device

Network

Time

CID Description

4+2 Description

Device

Add Device

Delete Device

Search Device

All Devices

Import Device

Template

PSTNCARD

Other

File to import

Browse...

Import

Network Operations

Perform the following steps to import device:

- 1. Export all the device information (see *Figure 4-3* on page 87) and save the file (skip this step if the device information has been exported). Do not modify the exported file. Otherwise, it cannot be imported.
- 2. Click **Browse** to locate the file saved in step 1 and click **Import**.

Restart the Doppio mini after successfully importing the device.

Note

Only “Super Administrator” can import device. Other users have no access to this page and can not import device.

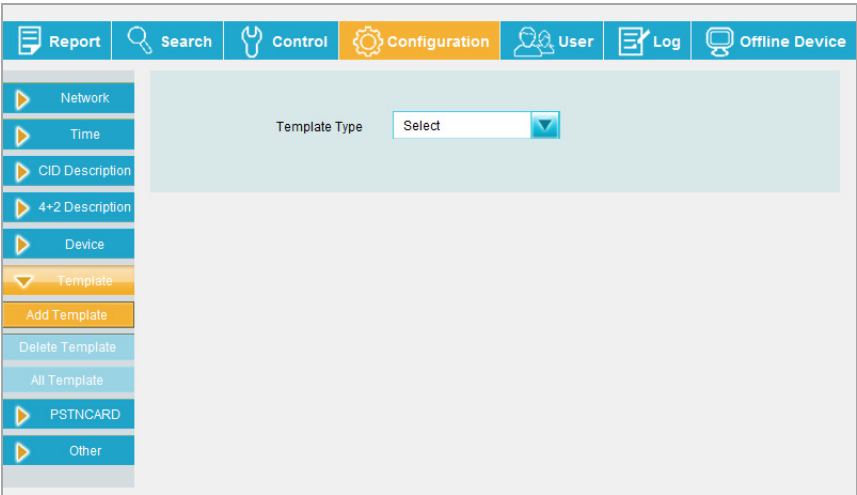
Template

On the **Configuration** tab (see *Figure 4-3* on page 77), click “Template” to add template, delete template, view template information and modify template.

Add Template

On the **Configuration** tab (see *Figure 4-3* on page 77), select **Template→Add Template** and the following window is displayed.

Figure 4-20 Add Template



Template Type: Select the template type of a certain panel from the drop-down list.

The detailed information of the corresponding template is displayed (see the following figure).

Figure 4-21 Template Type

Report

Search

Control

Configuration

User

Log

Offline Device

Network

Time

CID Description

4+2 Description

Device

Template

Add Template

Delete Template

All Template

PSTNCARD

Other

Template Type236 TL

Program Item	Address	Content
Installer Code	00	012345
User #1 Code and Arming Type	01	1234
User #2 Code and Arming Type	02	1234
User #3 Code and Arming Type	03	1234
User #4 Code and Arming Type	04	1234
User #5 Code and Arming Type	05	1234
User #6 Code and Arming Type	06	1234
Profile of User #1-#6	07	000000
Control Panel Setting	08	001001
Communications Control	09	111101
Communication Formats #1-#2	0A	1111
Account #1	0B	000000
Receiver #1 Phone Number (Digits 1 to 6)	0C	E00000

Add

In “Content” column, modify the content and click **Add** to add a new template (see the following figure).

Figure 4-22 Template Name

SAVE TEMPLATE

SAVE

Cancel

Input the template name and click **Save**. The new template will show in *All Template*.

Note

- Template is not available for Vista series control panels.
- The template name contains alphabetical characters and numbers. No space is allowed.

Delete Template

On the **Configuration** tab (see *Figure 4-3* on page 77), select **Template→Delete Template** and the following window is displayed.

Figure 4-23 Delete Template

Report

Search

Control

Configuration

User

Log

Offline Device

Network

Time

CID Description

4+2 Description

Device

Template

Add Template

Delete Template

All Template

PSTNCARD

Other

	Template Name	Template Type
☐	2316PLUSIITE	2316PLUSII
☐	2316PLUSIITEST	2316PLUSII
☐	236PLUSTEST	236PLUS
☐	236TLTE	236TL
☐	238CTES	238C

5 Records Page 1/1 1

Delete

Select All

Select None

Select the template to be deleted and click **Delete**.

All Template

On the **Configuration** tab (see *Figure 4-3* on page 77), select **Template→All Template** and the following window is displayed.

Figure 4-24 All Template

Report

Search

Control

Configuration

User

Log

Offline Device

Network

Time

CID Description

4+2 Description

Device

Template

Add Template

Delete Template

All Template

PSTNCARD

Other

Template Name	Template Type	
2316PLUS	2316PLUS	Detail
2316PLUSII	2316PLUSII	Detail
2316SUPER	2316SUPER	Detail
2316TL	2316TL	Detail
236PLUS	236PLUS	Detail
236PLUSII	236PLUSII	Detail
236TL	236TL	Detail
238C	238C	Detail
238CPLUS	238CPLUS	Detail
238CPLUSII	238CPLUSII	Detail
238SUPER	238SUPER	Detail
COMPACT4	COMPACT-4	Detail

Records Page1/1 1

Click "Detail" to show detailed information of the corresponding template (see the following figure).

Figure 4-25 Template Details

Detailed information

Program Item	Address	Content
Installer Code	00	012345
User #1 Code and Arming Type	01	91234E
User #2 Code and Arming Type	02	91234E
User #3 Code and Arming Type	03	91234E
User #4 Code and Arming Type	04	91234E
User #5 Code and Arming Type	05	91234E
User #6 Code and Arming Type	06	91234E
User #7 Code and Arming Type	07	91234E
User #8 Code and Arming Type	08	91234E
Arming/Code Options	09	00110
Communication Format (#1~#2)	0A	1212
Communication Control	0B	011108
Account 1	0C	000000

SAVE

Cancel

In “Program Content” column, modify the content and click **Save**.

PSTN CARD

Contact your vender or local technical support to install the PSTN CARD. For instructions if PSTN CARD installation, refer to “*PSTN CARD Installation Guide*”.

Note The Doppio mini supports up to 2 PSTN CARDS.

On the **Configuration** tab (see *Figure 4-3* on page 77), click “PSTN CARD” and the following figure is displayed:

Figure 4-26 PSTN CARD

Card_1

Card_2

No_Card

No_Card

No_Card

No_Card

No_Card

No_Card

Line_1

Line_2

Line_3

Handshake_Seq_Num_1:

Handshake_Dur_Time_1(ms):

Handshake_Wait_Time_1

Handshake_Acknow_Tm_1

Handshake_Seq_Num_2:

Handshake_Dur_Time_2(ms):

Handshake_Wait_Time_2

Handshake_Acknow_Tm_2

Ring_Num:

CallerId_Support:

CallerId_Wait_Time(ms):

CallerId_Gain_Stage_One:

CallerId_Gain_Stage_Two:

Reveive_Gain_Stage_One:

Reveive_Gain_Stage_Two:

Send_Gain_Stage_One:

Send_Gain_Stage_Two:

Sample_Time:

Max_Ring_Cirde(ms):

Min_Ring_Cirde(ms):

Ring_Frequency(Hz):

CFSK_Timeout_Time(ms):

FSK

FSK

No support

0db

0db

0db

0db

0.0db

0.0db

Warning: Please be cautious to modify the following parameters!

Reg_FSK_E_GAIN:

Reg_DTMF_PDT(ms):

Reg_DTMF_ADT(ms):

Reg_DTMF_THRES_MSB:

Reg_DTMF_THRES_LSB:

Reg_FSKD_THRES_MSB:

Reg_FSKD_THRES_LSB:

(Default: 43)

(Default: 20)

(Default: 20)

(Default: 1)

(Default: 0)

(Default: 3)

(Default: 0)

Card_1=00(ver:0.0.3);Card_2=0E(ver:0.0.3);

Upload

Download

Default

Template1

Save

Load

There are 8 card tabs on the top of the interface; 3 line tabs on the left side of the interface. Each IP alarm receiver supports up to 2 PSTN cards, and each PSTN CARD supports up to 3 telephone lines. Configure the parameter values of each line.

To exit and return to the configuration page, click “Back” on the upper right corner (see [Figure 4-3](#) on page 77).

Line Parameter Configuration

Take “Card_1, Line_1” as an example:

95

Figure 4-27 Card_1 Line_1 Configurations

Handshake_Seq_Num_1:

108

Handshake_Dur_Time_1

108

Handshake_Wait_Time_1

108

Handshake_Acknow_Tm_1

108

Handshake_Seq_Num_2:

FSK

Handshake_Dur_Time_2

108

Handshake_Wait_Time_2

108

Handshake_Acknow_Tm_2

108

Ring_Num:

10

CallerId_Support:

No support

CallerId_Wait_Time(ms):

108

CallerId_Gain_Stage_One:

0db

CallerId_Gain_Stage_Two:

0db

Reveive_Gain_Stage_One:

0db

Reveive_Gain_Stage_Two:

0db

Send_Gain_Stage_One:

0.0db

Send_Gain_Stage_Two:

0.0db

Sample_Time:

108

Max_Ring_Circle(ms):

10

Min_Ring_Circle(ms):

10

Ring_Frequency(Hz):

108

CFSK_Timeout_Time(ms):

108

Warning: Please be cautious to modify the following parameters:

Reg_FSK_E_GAIN: 43 (Default: 43)

Reg_DTMF_PDT(ms): 20 (Default: 20)

Reg_DTMF_ADT(ms): 20 (Default: 20)

Reg_DTMF_THRES_MSB: 1 (Default: 1)

Reg_DTMF_THRES_LSB: 0 (Default: 0)

Reg_FSKD_THRES_MSB: 3 (Default: 3)

Reg_FSKD_THRES_LSB: 0 (Default: 0)

Card_1=0E(ver:0.0.3);Card_2=0F(ver:0.0.3);

Upload

Download

Default

Template1

Save

load

Click “Card_1” and the label of “card_1” turns orange, which indicates that card 1 is being checked or edited; click “Line_1” and the label of “Line_1” turns orange, which indicates that Line_1 is being checked or edited.

- Configure the following parameters:

Table 4-1 Parameter Description and Range of value

Parameter	Description	Value
Handshake_Seq_Num_1/2	The first and second Handshake format. (DTMF for receiving DTMF format data; FSK for receiving FKS format data.)	DTMF/FSK
Handshake_Dur_Time_1/2(ms)	Used as a reserved parameter.	N/A
Handshake_Wait_Time_1/2(ms)	The interval between the 1400 and 2300 handshake signals. Only valid for DTMF format.	0~255ms
Handshake_Acknoww_Time_1/2(ms)	The duration time of sending the handshake, valid for FSK/DTMF handshake formats.	0~65536ms
Ring_Num	Times of ring, configuring how many rings PSTN CARD receives before off-hooking.	0~255
CallerId_Support	Select the callerId display format. (“FSK format” receives the caller	FSK format/DTMF

96

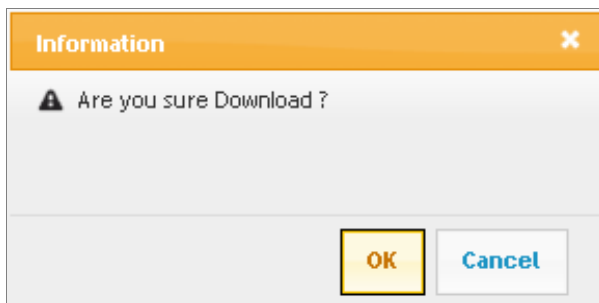
	Id with the FSK format; "DTMF format" receives the caller Id with the DTMF format; "no support" doesn't support the caller Id display.)	format/NO support
CallerId_Wait_Time (ms)	The wait time of waiting for DTMF format data after receiving the first ring. It is valid only when the CallerID_Support is configured as the DTMF format.	0~255(unit: 100ms)
CallerId_Gain_Stage One/ Two	Receive the CallerId_Gain_Stage of CallerId display.	0db/6db/12db/18db/24db
Receive_Gain_Stage One/ Two	The Receive_Gain_Stage of receiving alarm data after off-hooking.	0db/6db/12db/18db/24db
Send_Gain_Stage One/ Two	The Send_Gain_Stage of sending handshake.	-31.5db~24db
Sample_Time	Interval time of detecting whether the port is connected to a telephone line.	0~255(unit: 100ms)
Max_Ring_Circle (ms)	Reserved.	N/A
Min_Ring_Circle (ms)	Only when the duration of a single ring exceeds this value can the PSTN card detect this ring, which mainly aims at adjusting the valid width detectable by the PSTN card.	0~255ms
Ring_Frequency(Hz)	Only when the interruption times triggered by single rings are shorter than this time can the PSTN card detect this time, which mainly aims at adjusting the ring frequency supported by the PSTN card.	0~255
CFSK_Timeout Time(ms)	Reserved.	N/A
Reg_FSKE_GAIN:	Configure the Reg_FSKE_GAIN Calculation rule: $db = (FSK \text{ restore} - 63) / 2$	0~255
Reg_DTMF_PDT(ms):	Detection time. Only when the DTMF exceeds this time can the DTMF be regarded as valid.	0~255 Each unit is 0.5ms , the max value is $255 \times 0.5 = 127.5ms$
Reg_DTMF_ADT(ms):	Detection time. Only when the constant stop time of DTMF signals exceeds or equals to this time can the DTMF be regarded as over.	0~255 Each unit is 0.5ms, the max value is $255 \times 0.5 = 127.5ms$.
Reg_DTMF_THRES_MSB: Reg_DTMF_THRES_LSB:	Thresholds valve of DTMF signals. Only when the DTMF signals exceeds this value can it be regarded as valid.	0~255 . The corresponding thresholds valve range: -12db t ~ -66db

Network Operations

Reg_FSKD_THRES_ MSB: Reg_FSKD_THRES_ LSB:	Thresholds valve of FSK signals. Only when the FSK signals exceed this value can PSTN cards detect the FSK signals.	0~255. The default value is recommended and do not modify it.
--	--	--

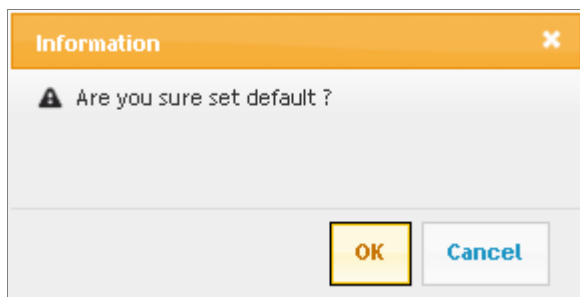
- **Upload:** To obtain the configurations on the PSTN card to this interface, click **Upload**;
- **Download:** Click **Download** and the following pop-up window is displayed. To synchronize the current configurations to the PSTN card, click **OK**;

Figure 4-28 Download



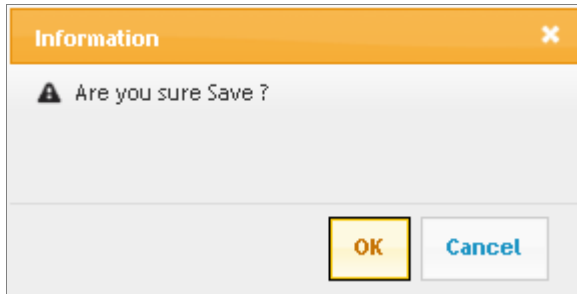
- **Default:** Click **Default** and the following window is displayed. To initialize the configurations of the PSTN card, click **OK**.

Figure 4-29 Default



- **Save:** Select a template from the template drop-down list after configurations and click **OK** to save the configurations as a template. The system provides three templates.

Figure 4-30 Save



- **Load:** It only applies to the template. Select the target template and click **Load** to load the configurations of the template to the current interface.

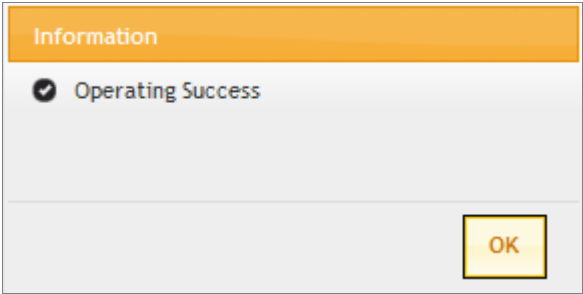


Make sure all parameters fields are configured before clicking **Save**, or the error message is displayed.

Line Parameter Modifications

- To modify the configurations of a line of a PSTN CARD, log in the PSTN CARD configuration interface (*Figure 4-27*) and select the target card and line. Enter the new parameter values. Click **Upload** after the modifications.
- To modify the configurations of a certain template, log in the PSTN CARD configuration interface (*Figure 4-27*) and select the target template from the drop-down list. Click **Load** to load the configurations of the template to the current interface. Enter the new parameter values to cover the old parameter value. Click **Save** after the modifications and the following window is displayed. Click **OK** to save the new parameter values to the current template.

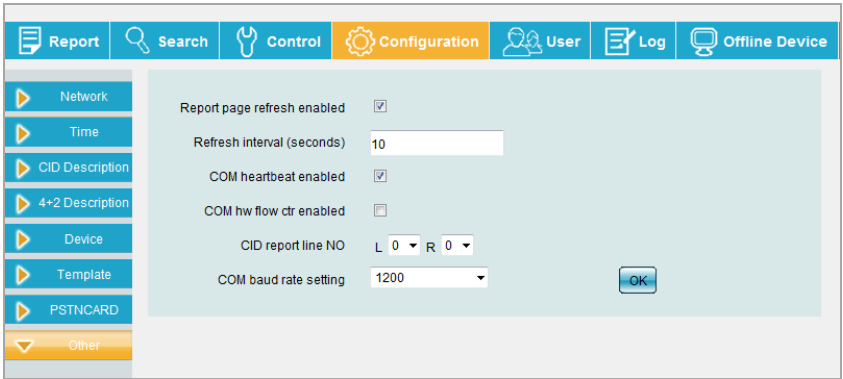
Figure 4-31 Save



Other

On the **Configuration** tab (see *Figure 4-3* on page 77), click “Other” and the following figure is displayed.

Figure 4-32 Other



- Report page refresh enabled:** Select the checkbox and the “Report” page will refresh automatically.
- Refresh internal (seconds):** Input the refresh internal of the “Report” page. The number input should be integer from 1 to 20.
- COM heartbeat enabled:** Select the checkbox to enable the heartbeat between PSTN Alarm Receiver and the Central Monitoring System (CMS). It is enabled by default. Do not modify this item unless in special cases (If this item is modified, restart the PSTN Alarm Receiver to apply the new settings).
- COM hw flow ctr enabled:** Select the checkbox to enable the COM hardware flow control, unchecked by default.
- CID report line NO:** Set the CID heartbeat report line NO(Different line NO indicates different heartbeat report, 00 by default, from 00~88).

COM baud rate setting: Set the baud rate between the Doppio mini and the computer, 1200 by default.

Click **OK** to save the settings.

Report

Click the **Report** tab and the following window is displayed.

Figure 4-33 Report

Report

Search

Control

Configuration

User

Log

Offline Device

Receive Time	Device Type	IP Address	MAC	Send Flag	Device No.	Code	Description	Group ID	User Type	Zone/User ID
2013-10-09 11:40:38	IPM-23	180.168.62.170	000B3C01A670	0	1111	E401	Disarmed by user	00	U	001
2013-10-09 11:40:21	IPM-23	180.168.62.170	000B3C01A670	0	1111	R401	Armed by user	00	U	001
2013-10-09 11:25:50	COMPACT-4	117.136.8.125	015821744436	0	6789	E401	Disarmed by user	00	U	001
2013-10-09 11:24:48	IPM-23	180.168.62.170	000B3C01A670	0	1111	E401	Disarmed by user	00	U	001
2013-10-09 11:23:04	COMPACT-4	117.136.8.125	015821744436	0	6789	R401	Armed by user	00	U	001
2013-10-09 11:22:51	COMPACT-4	117.136.8.125	015821744436	0	6789	E401	Disarmed by user	00	U	001
2013-10-09 11:22:27	IPM-23	180.168.62.170	000B3C01A670	0	1111	R401	Armed by user	00	U	001
2013-10-09 11:22:11	IPM-23	180.168.62.170	000B3C01A670	0	1111	E401	Disarmed by user	00	U	001
2013-10-09 11:17:06	IPM-23	180.168.62.170	000B3C01A670	0	1111	R401	Armed by user	00	U	001
2013-10-09 11:15:55	IPM-23	192.168.0.92	001F55140384	0	1234	E401	Disarmed by user	00	U	001
2013-10-09 11:15:53	IPM-23	192.168.0.92	001F55140384	0	1234	R401	Armed by user	00	U	001

Export

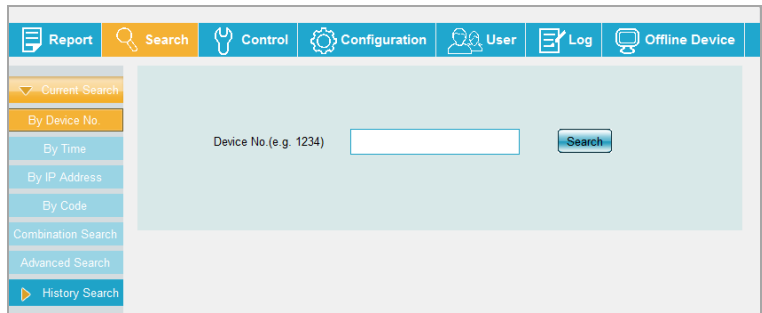
16063 Records Page 1/1461 1 2 3 4 Next Last

Click **Export** to export all the reports to Excel file. Refer to **Export** on page 104 for details.

Search

Click the **Search** tab and the following window is displayed.

Figure 4-34 Current Search



There are two searching methods: “Current Search” and “History Search”. Current alarm reports can be searched by “Current Search”. Alarm reports that have been backed up can be searched by “History Search”.

- Note

 - By default, the results searched by “Current Search” are alarm reports of the current month.
 - “History Search” aims to search the backed up data (the system will automatically back up all the alarm reports at 00:00 of the first day of each month).

There are six searching criteria for current search and history search respectively:

- By Device No.
- By Time
- By IP Address
- By CID
- Combination Search
- Advanced Search

“Advanced Search” supports the SQL query sentences, while “Combination Search” can integrate all the search combinations and display the search results on the results page.

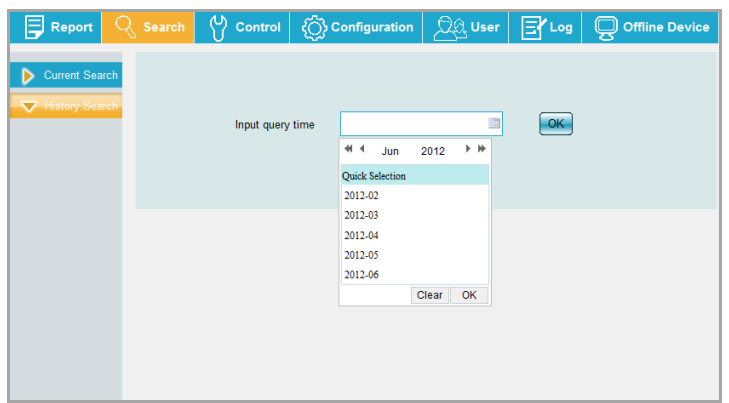
Current Search

To search the current reports, click “Current Search”, select one searching criteria, input the value and click **Search**. The searching result is displayed as in *Figure 4-37* on page 104.

History Search

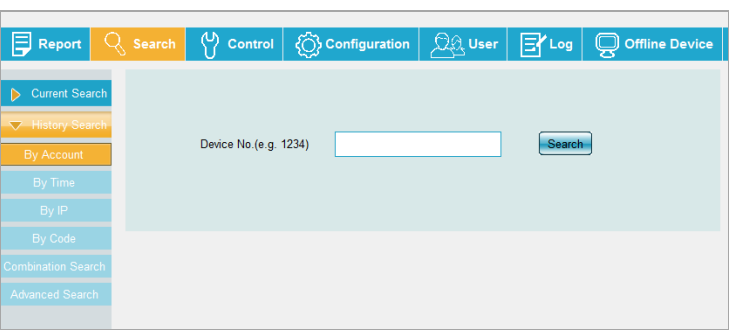
To search the backed up reports, click “History Search” and the following window is displayed.

Figure 4-35 History Search



Select the month, click **OK** and the following window is displayed.

Figure 4-36 History Search



Select one searching criteria, input the value and click **Search**. The searching result is displayed as in [Figure 4-37](#) on page 104. Meanwhile, on the **Report** tab, it displays the reports of the specified month (see page 101 about [Report](#) for details). To display the current reports, click “Current Search” on the left side of the page.

Figure 4-37 Search Report

Report

Search

Control

Configuration

User

Log

Offline Device

Receive Time	Device Type	IP Address	MAC	Send Flag	Device No.	Code	Description	Group ID	User Type	Zone/User ID
2013-10-09 11:40:38	IPM-23	180.168.62.170	000B3C01A670	0	1111	E401	Disarmed by user	00	U	001
2013-10-09 11:40:21	IPM-23	180.168.62.170	000B3C01A670	0	1111	R401	Armed by user	00	U	001
2013-10-09 11:25:50	COMPACT-4	117.136.8.125	015821744436	0	6789	E401	Disarmed by user	00	U	001
2013-10-09 11:24:48	IPM-23	180.168.62.170	000B3C01A670	0	1111	E401	Disarmed by user	00	U	001
2013-10-09 11:23:04	COMPACT-4	117.136.8.125	015821744436	0	6789	R401	Armed by user	00	U	001
2013-10-09 11:22:51	COMPACT-4	117.136.8.125	015821744436	0	6789	E401	Disarmed by user	00	U	001
2013-10-09 11:22:27	IPM-23	180.168.62.170	000B3C01A670	0	1111	R401	Armed by user	00	U	001
2013-10-09 11:22:11	IPM-23	180.168.62.170	000B3C01A670	0	1111	E401	Disarmed by user	00	U	001
2013-10-09 11:17:06	IPM-23	180.168.62.170	000B3C01A670	0	1111	R401	Armed by user	00	U	001
2013-10-09 11:15:55	IPM-23	192.168.0.92	001F55140384	0	1234	E401	Disarmed by user	00	U	001
2013-10-09 11:15:53	IPM-23	192.168.0.92	001F55140384	0	1234	R401	Armed by user	00	U	001

Export

13931 Records Page 1/1267 1 2 3 4 Next Last

Click **Export** to export the reports to Excel file.

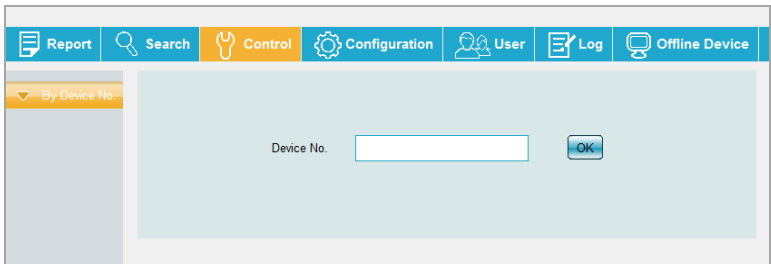
Export

Click **Export** (see [Figure 4-37](#) on page 104) to export the latest 5000 reports to Excel file. If the number of reports is less than 5000, all the reports will be exported. It may take up to 10 seconds.

Control

Click the **Control** tab and the following window is displayed.

Figure 4-38 Control



Input Device No. and click **OK** to enter the control interface.

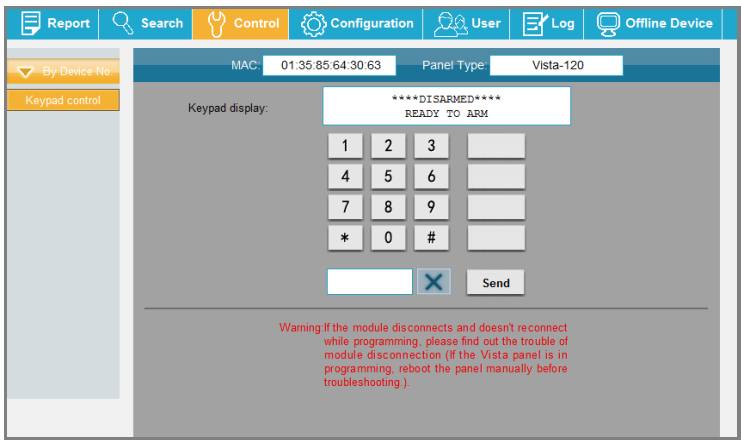
- Vista Series Panel: refer to *Figure 4-39* on page 105
- 23XX Super Control Panel: refer to *Figure 4-40* on 106
- 23 Series Panel: refer to *Figure 4-41* on page 109

Note Ensure that the device has been added (see page 85 for *Add Device*).

Control (Vista Series Panel)

Vista Series Panel can be controlled through the keypad (see the following figure).

Figure 4-39 Keypad Control (Vista Series Panel)



Keypad display: Shows the information of the keypad.

Network Operations

Input the commands by clicking the keys on the keypad (the input content will be displayed in the column below the keypad) and click **Send**. To clear the content in the column below the keypad, click . Please refer to the user manual of the panel for reference.

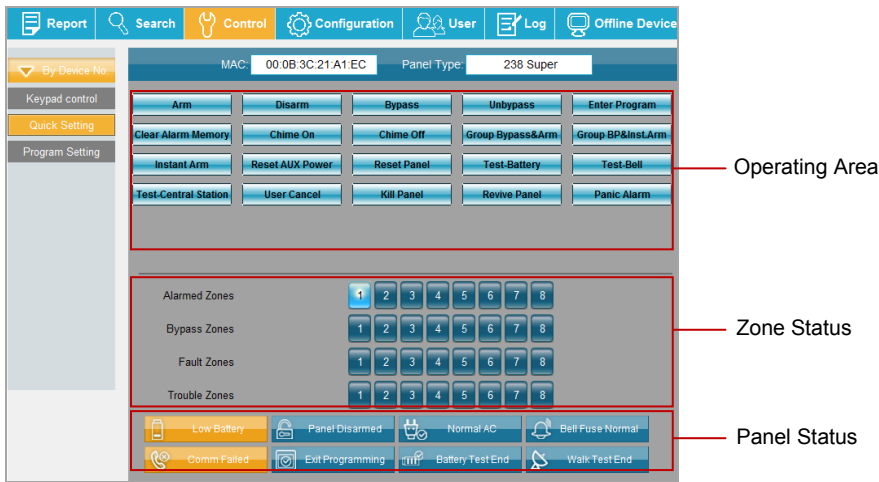
Note To trigger the soft zone, click the soft zone button, and then click “#” to confirm.

Control (23XX Super Control Panel)

Quick Settings (23XX Super Control Panel)

After entering the Device No. of 23XX super control panel on the control page, the “Quick Settings” page is displayed:

Figure 4-40 Quick Settings (23XX Super Control Panel)



Operating Area: Click the keys to control the panel. The function of each key is illustrated as below:

Button	Function
Arm	Arm the system.
Disarm	Disarm the system.

Bypass	Select the zones to be bypassed in the prompted "Bypass" field, and then click OK to confirm.
Unbypass	Deselect the zones to be unbypassed in the prompted "Bypass" field, and then click OK to confirm.
Enter Program	Enter "Program Settings" page. See <i>Program Settings</i> on page 110
Clear Alarm Memory	Clear the alarm memory of all the zones.
Chime On	Enable the chime.
Chime Off	Disable the chime.
Group Bypass & Arm	Arm the system. The zones for which "group bypass" is enabled will be bypassed.
Group BP & Inst. Arm	Arm the system. The zones for which "group bypass" is enabled will be bypassed. "Delay zone" becomes "instant zone".
Instant Arm	Arm the system. "Delay zone" becomes "instant zone".
Reset AUX Power	Reset the auxiliary power supply.
Reset Panel	Reset the panel.
Test Battery	Test battery. "Panel status" column will display "Battery test ongoing". When the test finishes, it displays "Battery test end". The test result displays as "Normal battery" or "Low battery".
Test Bell	Test the bell output.

Network Operations

Test Central Station	Trigger the panel to send a test report to the assigned central station.
User Cancel	Confirm the alarm status.
Kill Panel	Turn off the panel.
Revive Panel	Turn on the panel.
Panic Alarm	Activate the panic alarm.

Zone Status: It shows the status of zone. The indicator is highlighted () if the zone is in alarmed, bypassed, fault or trouble status.

Panel Status: It shows the status of panel.

Note If the version is updated, please refresh the page.

Control COMPACT-4 Series Panel

The operation is similar to which of 23XX Super Control Panel. See “*Control (23XX Super Control Panel)*” on page 106 for details.

Control (23 Series Panel)

Keyboard Control

Note On the “Control (23 Series Panel)” page (see *Figure 4-41* on page 109), if no mouse clicking or keyboard operation within 5 minutes, it will return to the **Control** tab (see *Figure 4-38* on page 105).

Click “Keypad Control” and the following window is displayed.

Figure 4-41 Keypad Control (23 Series Panel)



Operating Area: Input command by clicking the keys on the keypad (Please refer to the user manual of the panel for reference). For example, to bypass zone 9, click , “9” and “#”.

“Keypad Display” will show the information entered through the keypad. To clear the content in the “Keypad display” column, click . “23 Panel Program Settings” window (see [Figure 4-43](#) on page 111) can be entered by inputting the right command.

Note To trigger the soft zone, click the soft zone button, and then click “#” to confirm.

Zone Status: It shows the status of zone. The indicator is highlighted () if the zone is in alarmed, bypassed, fault or trouble status.

Panel Status: It shows the status of panel.

Quick Settings for 23 Series Panel

Note Vista Series Panel doesn't support quick settings.

On the **Control** tab (see [Figure 4-41](#) on page 109), click “Quick Settings” and the following window is displayed.

Figure 4-42 Quick Settings



Operating Area: Click the zone number to bypass the zone (wait until the selected zone entered bypassed status before selecting the next zone). Click **Arm or disarm** to arm or disarm the panel. Click **Program Settings** to enter the Program Settings window (see [Figure 4-43](#) on page 111).

Zone Status: It shows the status of zone. The indicator is highlighted (1) if the zone is in alarmed, bypassed, fault or trouble status.

Panel Status: It shows the status of panel.

Note

On “Quick Setting” page, if there is no mouse clicking or keyboard operation within 5 minutes, it will return to “Keypad Control” page automatically (see [Figure 4-41](#) on page 109).

Program Settings

Click “Program Settings” and the following figure is displayed.

Note

On “Program Settings” page (see the following figure), if there is no mouse clicking or keyboard operation within 5 minutes, it will return to “Keypad Control” page automatically (see [Figure 4-41](#) on page 109).

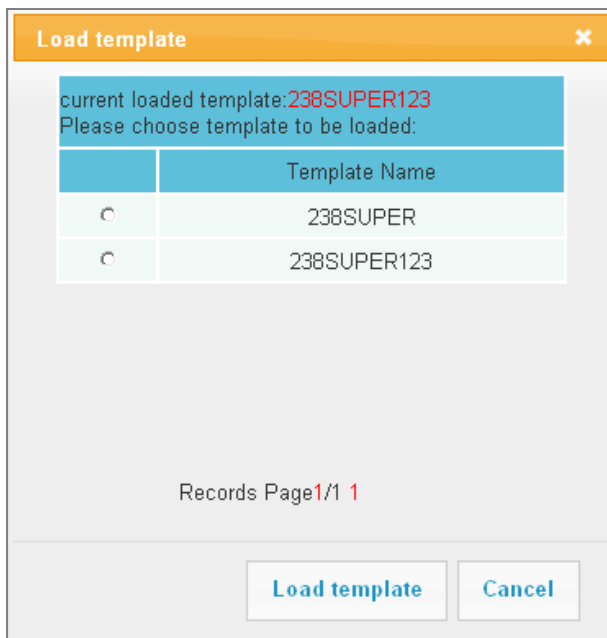
Figure 4-43 Program Settings

Report	Search	Control	Configuration	User	Log	Offline Device
By Device No Keypad control Quick Setting Program Setting						
Program Item	Address	Content	Upload			
Installer Code	00	012345				☐
User #1 Code and Arming Type	01	91234E				☐
User #2 Code and Arming Type	02	91234E				☐
User #3 Code and Arming Type	03	91234E				☐
User #4 Code and Arming Type	04	91234E				☐
User #5 Code and Arming Type	05	91234E				☐
User #6 Code and Arming Type	06	91234E				☐
User #7 Code and Arming Type	07	91234E				☐
User #8 Code and Arming Type	08	91234E				☐
Arming/Code Options	09	00110				☐
Communication Format (#1-#2)	0A	6868				☐
Communication Control	0B	011108				☐
Account 1	0C	000000				☐
Receiver #1 Phone Number (Digits 1 to 6)	0D	E00000				☐
Receiver #1 Phone Number (Digits 7 to 12)	0E	000000				☐
Receiver #1 Phone Number (Digits 13 to 18)	0F	000000				☐
Account 2	10	000000				☐
Load template Save template Delete Template Exit Programming Select All Select None Download Upload						

Load Template

Click **Load Template** (see [Figure 4-43](#) on page 111) and the following window is displayed to show the “current template” and available templates.

Figure 4-44 Load Template

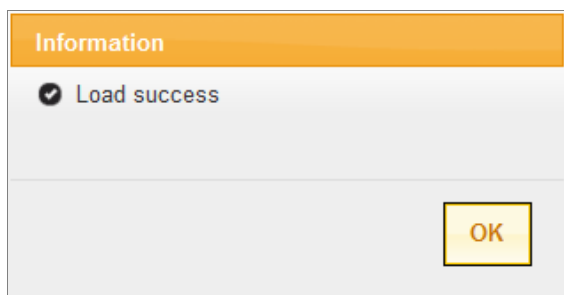


A dialog box titled "Load template" with a close button (X) in the top right corner. The main area contains a text box with the text "current loaded template:238SUPER123" and "Please choose template to be loaded:". Below this is a table with two columns: a radio button column and a "Template Name" column. The table has two rows: one with a selected radio button and the name "238SUPER", and another with an unselected radio button and the name "238SUPER123". At the bottom of the dialog, there is a status bar that says "Records Page 1/1 1" and two buttons: "Load template" and "Cancel".

	Template Name
☒	238SUPER
☐	238SUPER123

Select the template to be loaded and click **Load Template**. The following window is displayed to show that the template is loaded successfully.

Figure 4-45 Loading the Template Succeeded



An "Information" dialog box with a title bar. The main area shows a checkmark icon followed by the text "Load success". At the bottom right, there is an "OK" button.

Save Template

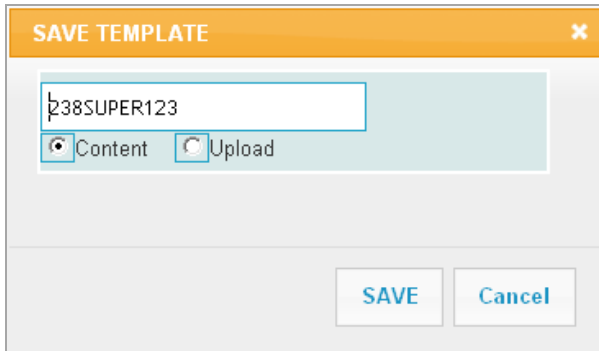
Data in the "Content" and "Upload" column can be saved as template respectively.

Save "Content"

Perform the following operations to save data in the "Content" column.

Modify the data in the “Content” column and click **Save template** (see [Figure 4-43](#) on page [111](#)). The following window is displayed.

Figure 4-46 Save Template -- Content



Input Template Name, select the “Content” checkbox and click **Save**.

Note

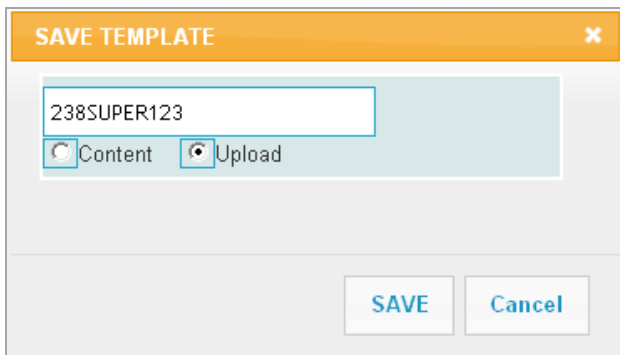
For 23XX Super Control Panel, if the contents are in grey, the corresponding program addresses are read-only. During program settings, those contents can be uploaded, but cannot be downloaded. User can configure the contents of those program addresses through keypad of the control panel.

Save “Upload”

Perform the following operations to save data in the “Upload” column.

Select all the items (see [Figure 4-43](#) on page [111](#)) and click **Upload** to upload all the data from the panel to the Doppio mini (see [Upload](#) on page [116](#)). When the “Upload” is completed, click **Save template**. The following window is displayed.

Figure 4-47 Save Template -- Upload



Input Template Name, select the "Upload" checkbox and click **Save**.

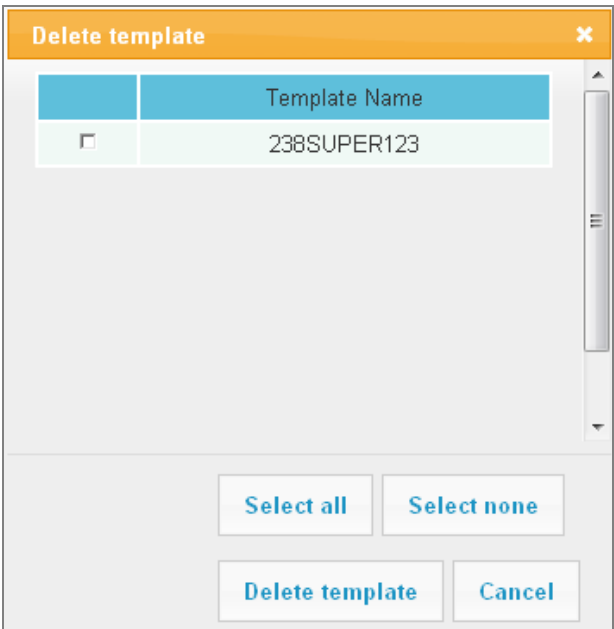
Note

The template name contains alphabetical characters and numbers. No space is allowed.

Delete Template

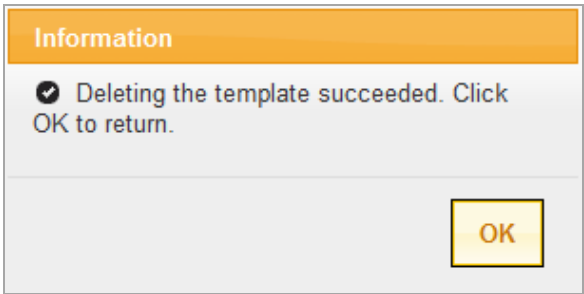
To delete the template, click **Delete Template** (see [Figure 4-43](#) on page 111) and the following window is displayed.

Figure 4-48 Delete Template



Select the template to be deleted and click **Delete Template**. A dialogue box pops up to confirm the deletion. Click **OK** to confirm. The following window is displayed if the template is deleted successfully.

Figure 4-49 Deleting the Template Succeeded



Exit Programming

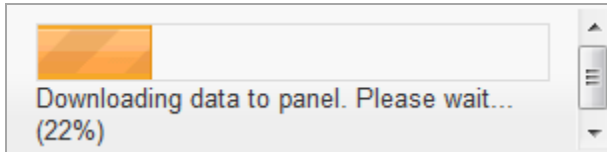
Click **Exit Programming** (see [Figure 4-43](#) on page 111) to return to the “Keypad Control” page (see [Figure 4-41](#) on page 109).

Network Operations

Download

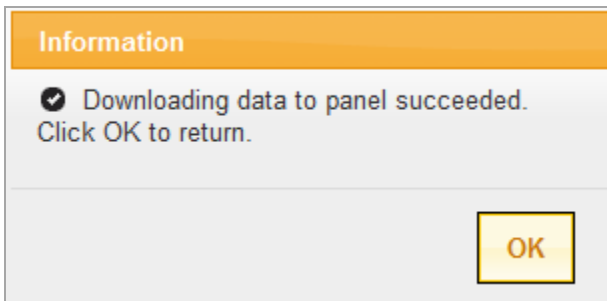
Select the program items, edit the program content and click **Download** (see [Figure 4-43](#) on page 111) to download the data to the panel.

Figure 4-50 Download



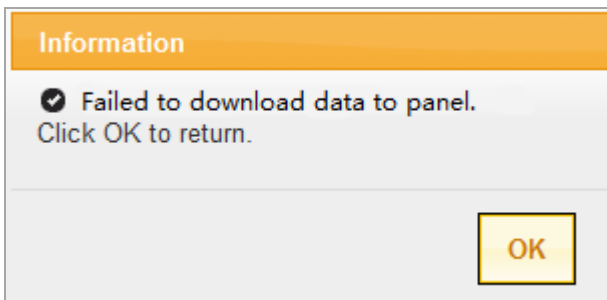
The following window will be displayed after successful download.

Figure 4-51 Downloading Succeeded



If it failed to download, the following window is displayed and the indicator of the item turns red.

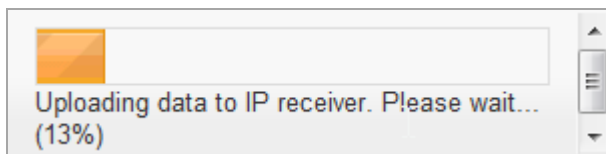
Figure 4-52 Downloading Failed



Upload

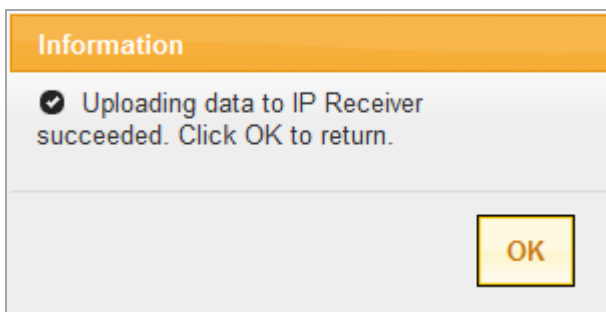
Select the program items and click **Upload** (see *Figure 4-43* on page 111) to upload data from the panel to the Doppio mini.

Figure 4-53 Upload



The following window is displayed after successful upload.

Figure 4-54 Uploading Succeeded



User

Click the **User** tab and *Figure 4-55* is displayed.

Add User

On the **User** tab, click "Add User" and the following window is displayed.

Figure 4-55 Add User

The screenshot shows the 'Add User' form within a software interface. At the top, there is a navigation bar with icons and labels for 'Report', 'Search', 'Control', 'Configuration', 'User' (highlighted in orange), 'Log', and 'Offline Device'. On the left side of the form, there is a vertical menu with options: 'Add User' (selected with a dropdown arrow), 'Delete User', 'Password', 'Modify User', and 'Change Relate'. The main form area contains the following fields: 'Username' (text input), 'User Type' (dropdown menu with 'Visitor' selected), 'Password' (text input), and 'Confirm Password' (text input). At the bottom right of the form, there are two buttons: 'Add' and 'Reset'.

- **User Name:** Input username ("Username" must contain 5-20 characters, alphabetical characters and numbers only.).
- **User Type:** Select the user type (mobile subscriber, visitor, operator or administrator).
- **Password:** Input the password ("Password" must contain 5 to 20 characters.).
- **Confirm Password:** Input the password again.

Click **Add** to add a user.

Note

- Mobile subscriber's Authority: User can download Doppio mini application in the HiMarket. Contact your vendor for the details.
- Visitor's Authority: **Report**, **Search**, **User** (can only modify the password) and **Offline Device** (no authority of ignoring devices).
- Operator's Authority: **Report**, **Search**, **Control** (cannot enter program settings by shortcut key), **User** (can only modify the password), **Log** and **Offline Device** (no authority of ignoring devices.).
- Administrator's Authority: **Report**, **Search**, **Control**, **Configuration** (can not import or export device information), **User** (can only add Operator and Visitor), **Log** and **Offline Device**.
- Super Administrator's Authority: All.

Delete User

On the **User** tab, click "Delete User" and the following window is displayed.

Figure 4-56 Delete User

	Username	User Type
☐	OPERATOR	Operator
☐	murphy	Administrator
☐	zhouliang	Administrator
☐	tester	Administrator
☐	manager	Administrator
☐	visitor	Visitor
☐	facebook	Operator

7 Records Page 1/1 1

Select All Select None Delete

Select the user to be deleted and click **Delete**.

Password

On the **User** tab, click “Password” and the following window is displayed.

Figure 4-57 Modify Password

Old Password

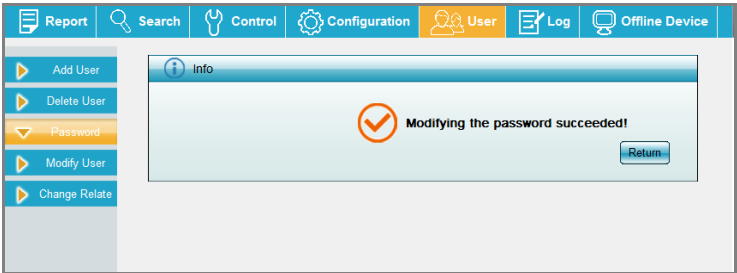
New Password

Confirm Password

OK Reset

Input “Old Password”, “New Password”, “Confirm Password”, and click **OK**. The following window is displayed if the password is modified successfully.

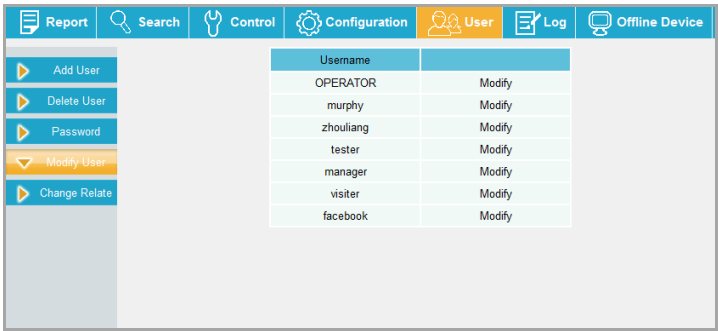
Figure 4-58 Modifying the Password Succeeded



Modify User

On the **User** tab, click “Modify User” and the following window is displayed.

Figure 4-59 Modify User



Click “Modify” to edit the user’s information (see the following figure).

Figure 4-60 Modify User Information

The screenshot shows a 'User Information' form with the following fields:

- Username:** A text input field containing 'Operator'.
- User Type:** A drop-down menu with 'Operator' selected.
- New Password:** A text input field.
- Confirm Password:** A text input field.

At the bottom right of the form are two buttons: 'Save' and 'Close'.

Username: Unchangeable

User Type: Select user type from the drop-down list

New Password: Input new password

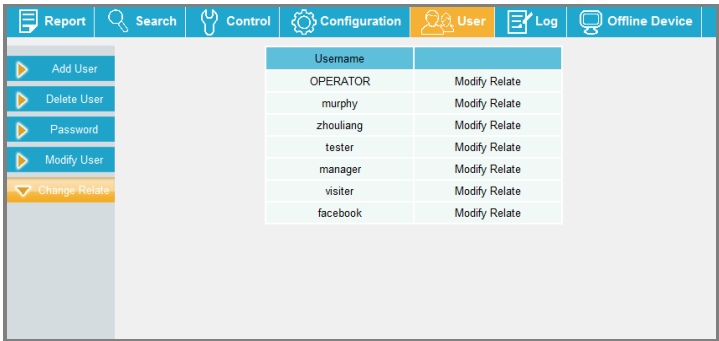
Confirm Password: Input the new password again

Click **Save** to save the modified information.

Change Relate

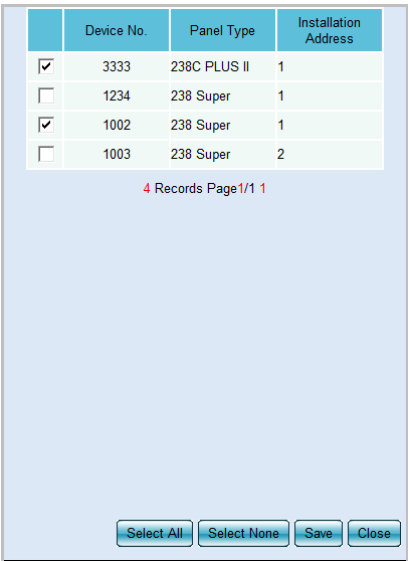
On the **User** tab, click “Change Relate” and the following window is displayed.

Figure 4-61 Change Relate



Click “Modify Relate” to view and change the relate devices of the user (see the following figure). The user has the authority to control the selected relate devices (see *Control* on page 104).

Figure 4-62 Relate Devices



Network Operations

Select or deselect the relate devices and click **Save**.

Note

Only “Super Administrator” can change the relate devices.
“Administrator” can only view the relate devices. “Operator” and “Visitor” have no access to this page.

Log

Click the **Log** tab to view all the logs and search log (see *Figure 4-63* on page 122).

All Logs

On the **Log** tab, click “All Logs” and the following window is displayed.

Figure 4-63 All Logs

Report

Search

Control

Configuration

User

Log

Offline Device

All Logs

Log Search

Time	Username	Operation
2013-10-09 16:01:31	mobile	Armed/Disarmed(1111)(Mobile Client)
2013-10-09 16:01:25	mobile	Armed/Disarmed(1111)(Mobile Client)
2013-10-09 16:00:50	mobile	Connect to device(1111)(Mobile Client)
2013-10-09 16:00:47	mobile	Login(Mobile Client)
2013-10-09 15:59:33	mobile	Login(Mobile Client)
2013-10-09 15:52:51	mobiletest	Armed/Disarmed(1234)(Mobile Client)
2013-10-09 15:52:45	mobiletest	Connect to device(1234)(Mobile Client)
2013-10-09 15:52:41	mobiletest	Login(Mobile Client)
2013-10-09 15:51:57	mobiletest	Armed/Disarmed(1234)(Mobile Client)
2013-10-09 15:51:49	mobiletest	Connect to device(1234)(Mobile Client)
2013-10-09 15:51:46	mobiletest	Login(Mobile Client)

Export

8365 Records Page 1/761 1 2 3 4 Next Last

Click **Export** to export all of the logs to Excel file.

Log Search

On the **Log** tab, click “Log Search” and the following window is displayed.

Figure 4-64 Log Search

Report

Search

Control

Configuration

User

Log

Offline Device

All Logs

Log Search

Username

Search

Input “Username” and click **Search**. The search result is displayed as below.

Figure 4-65 Log Search Result

Report

Search

Control

Configuration

User

Log

Offline Device

All Logs

Log Search

Time	Username	Operation
2013-10-09 15:50:55	admin	Login
2013-10-09 15:50:55	admin	Login
2013-10-09 15:18:40	admin	Search
2013-10-09 14:16:43	admin	Login
2013-10-09 14:16:43	admin	Login
2013-10-09 14:16:43	admin	Login
2013-10-09 13:44:44	admin	Logout
2013-10-09 13:16:15	admin	Login
2013-10-09 11:17:12	admin	Logout
2013-10-09 11:16:56	admin	Armed/Disarmed(1111)
2013-10-09 11:16:52	admin	Armed/Disarmed(1111)

Export

751 Records Page 1/69 1 2 3 4 Next Last

Click **Export** to export the logs to Excel file.

Offline Device

Click the **Offline Device** tab and the following window is displayed.

Figure 4-66 Offline Device

ReportSearchControlConfigurationUserLogOffline Device

	Device No.	Time	Status
☐	1234	2013-10-08 12:52:42	Offline
☐	5555	2013-10-08 12:52:42	Offline
☐	7120	2013-09-30 12:59:51	Offline

3 Records Page1/1 1

Select AllSelect NoneIgnore

It lists all the offline devices. If the device reconnects, the corresponding item will disappear. Select the device and click **Ignore**, the status of the device will turn to “Ignored”.

Figure 4-67 Ignore

ReportSearchControlConfigurationUserLogOffline Device

	Device No.	Time	Status
☐	1234	2013-10-08 12:52:42	Ignored
☐	5555	2013-10-08 12:52:42	Offline
☐	7120	2013-09-30 12:59:51	Offline

3 Records Page1/1 1

Select AllSelect NoneIgnore

5 Network Structure and Configuration on Router

Alarms from WAN devices are transmitted to the Doppio mini that is connected to the LAN by router, so you must configure the router to assure the safe and effective alarm receiving status of Doppio mini. Refer to the following configuration steps (the following steps are for reference only because configuration pages are different according to different types of routers).

1. Open the configuration page of the router by entering the IP address <http://192.168.0.1> in the browser.
2. Disable DHCP server: DHCP server assigns IP address automatically, which might cause Doppio mini to be assigned dynamic IP address and fail to receive the alarms.

In the configuration page of DHCP server shown in the following figure, select "Off" and click **Apply Changes**.

Figure 5-1 DHCP Server Setting

LAN > LAN settings

You can make changes to the Local Area Network (LAN) here. For changes to take effect, you must press the "Apply Changes" button at the bottom of the screen.

IP Address > [More Info](#)

192 . 168 . 2 . 1

Subnet Mask > [More Info](#)

255 . 255 . 255 . 0

DHCP server > ☐ On ☒ Off [More Info](#)

The DHCP server function makes setting up a network very easy by assigning IP addresses to each computer on the network. It is not necessary to make any changes here.

3. Set the virtual server to receive the alarms from the WAN. Set ports to include TCP-7838 and UDP-7839. Enable these ports so that the Doppio mini can receive the alarms from the WAN.

In the configuration page of virtual server shown in the following figure, specify the ports TCP-7838 and UDP-7839 in the port list, and select the "Enable" checkboxes of these ports. Then click **Apply Changes**.

Network Structure and Configuration on Router

Figure 5-2 Virtual Servers Setting

Firewall > Virtual servers

This function will allow you to route external (Internet) calls for services such as a web server (port 80), FTP server (Port 21), or other applications through your Router to your internal network. [More Info](#)

Clear Changes Apply Changes

Add Add

Clear entry Clear

	Enable	Description	Inbound port	Type	Private IP address	Private port
1.	☒		21 - 21	TCP	192.168.2.10	21 - 21
2.	☒		80 - 80	TCP	192.168.2.10	80 - 80
3.	☒		3389 - 3389	TCP	192.168.2.10	3389 - 3389
4.	☒		4001 - 4001	TCP	192.168.2.10	4001 - 4001
5.	☒		4002 - 4002	TCP	192.168.2.10	4002 - 4002
6.	☒		7838 - 7838	TCP	192.168.2.10	7838 - 7838
7.	☐		- -	TCP	192.168.2.	- -
8.	☐		- -	TCP	192.168.2.	- -

4. Follow the instructions described in the list to configure the security settings of the router:
- Block the Ping packets from the WAN port to avoid malicious detection (see [Figure 5-3](#) on page 126).
 - Enable the function of anti-network attack to prevent DOS attack.
 - Enable the filter function to allow the data packets of TCP-7838 to pass through only, which prevents malicious intrusion.
 - Set a strong password for the router (minimum of 15 characters in length, composed of letters, numbers, and special characters).

Ignore the Ping packets from WAN port by selecting the checkbox of “Block ICMP Ping” in the following figure, and click **Apply Changes**.

Figure 5-3 WAN Ping Blocking

Firewall > WAN Ping Blocking

ADVANCED FEATURE! You can configure the Router not to respond to an ICMP Ping (ping to the WAN port). This offers a heightened level of security. [More Info](#)

Block ICMP Ping > ☒

Clear Changes Apply Changes

In the “Port” column shown in the following figure, specify the port range that does not include the port TCP-7838, select “Both” in the “Type” column, and select “Always” in the “Block Time” column. Click **Apply Changes** when you finish.

Figure 5-4 Client IP Filters

Firewall > Client IP filters

The Router can be configured to restrict access to the Internet, e-mail or other network services at specific days and times. [More Info](#)

IP	Port	Type	Block Time	Day	Time	Enable
192.168.2.1	255	TCP UDP BOTH	Always Block	SUN SUN	12:00 A.M. 12:00 A.M.	✓
192.168.2.1	255	TCP UDP BOTH	Always Block	SUN SUN	12:00 A.M. 12:00 A.M.	✓
192.168.2.1	255	TCP UDP BOTH	Always Block	SUN SUN	12:00 A.M. 12:00 A.M.	✓
192.168.2.1	255	TCP UDP BOTH	Always Block	SUN SUN	12:00 A.M. 12:00 A.M.	✓
192.168.2.1	255	TCP UDP BOTH	Always Block	SUN SUN	12:00 A.M. 12:00 A.M.	✓
192.168.2.1	255	TCP UDP BOTH	Always Block	SUN SUN	12:00 A.M. 12:00 A.M.	✓
192.168.2.1	255	TCP UDP BOTH	Always Block	SUN SUN	12:00 A.M. 12:00 A.M.	✓

Clear Changes

Apply Changes

6 Appendix PSTN CARD Installation

To install the PSTN CARD on the IP/PSTN Alarm Receiver, perform the following steps:

1. Turn off the IP/PSTN Alarm Receiver and open the chassis. Insert PCI card into the corresponding PCI slots;
2. Perform the following steps according to the amount of PSTN CARDS:
 - One PSTN CARD
Insert the PSTN CARD into the any of the PCI slots above the PCI card.
 - Two PSTN CARDS
 - Configure the DIP switches of two PSTN CARDS separately and make sure the DIP switch values are different (For instructions of the DIP switch, refer to *"PSTN CARD Installation Guide"*);
 - Insert two PSTN CARDS into the PCI slots above the PCI card separately. Make sure the PSTN CARD with smaller DIP switch value is above the PSTN CARD with the larger value.
 - Close the chassis and fasten the screws.

Connect the PSTN CARD and IP/PSTN Alarm Receiver via the USB cable (For instructions of the USB cable, refer to *"PSTN CARD Installation Guide"*).

Honeywell Security, Your Partner of Choice

霍尼韦尔安防，您值得信赖的安防合作伙伴

Honeywell Security

Honeywell Security Asia Pacific

35F Tower A, City Center, 100 Zun Yi Road, Shanghai 200051, China

TEL +86 21 22196888

FAX +86 21 62370740

亚太区总部：

中国上海市遵义路 100 号虹桥上海城 A 座 35 楼

邮编：200051

电话：（86）21-22196888

传真：（86）21-62370740

Honeywell

<http://www.security.honeywell.com>

<http://www.cn.security.honeywell.com>

©2014 Honeywell International Inc. All rights reserved.