Honeywell

IPM-23 SUPER II

用户手册

IPM-23 SUPER II 是 23XX 系列主机的网络扩展模块，可实现网络报警、远程控制和编程等功能。

系统功能

- TCP/IP 网络报警
- 基于网络的远程控制和编程
- 支持双中心方案
- 支持固定 IP 和 DHCP

参数

- AES-128bit 加密通信、更安全的网络设备
- 与 10/100BASE-T 网络兼容、具有 100M 速率
- 电压：DC 12V-15V；电流：80 mA-100 mA

PC 端硬件要求

- 10M/100M 自适应网卡
- 操作系统 Windows® 2000 及以上

系统特点

- 可在线升级
- 支持 23XX 系列主机
- 从主机直接获取配置或通过配置软件进行配置
- 由主机直接供电
- 安装简便易行、兼容性高

IPM-23 SUPER II正面图和背面图
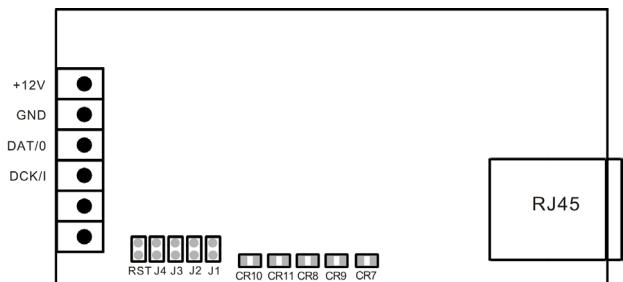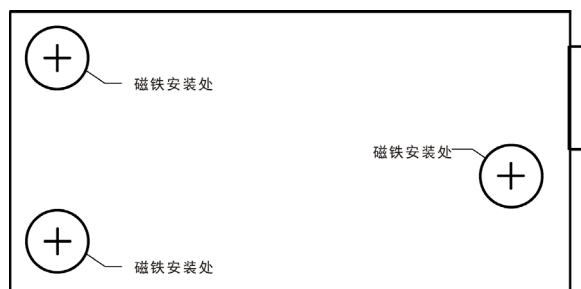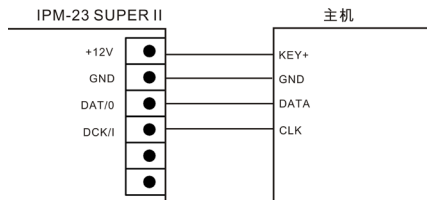
图 1 正面图

图 2 背面图

IPM-23 SUPER II与23XX系列主机连接示意图

注意：若主机无 CLK 接口，则不用与 IPM-23 SUPER II 的 DCK/I 接线端子接线。

SUPER 系列主机跳帽设置

如*图 1*所示，若 IPM-23 SUPER II 安装于 SUPER 系列主机，跳帽设置如下：

J1	J2	J3	J4	描述
ON	ON	OFF	OFF	同时与接警中心 1 和 2 连接，详细配置参考主机的用户手册。
ON	OFF	OFF	OFF	只连接 1 个接警中心，详细配置参考主机用户手册中 1#IPM-23 SUPER 的相关配置。
OFF	ON	OFF	OFF	只连接 1 个接警中心，详细配置参考主机用户手册中 2#IPM-23 SUPER 的相关配置。
OFF	OFF	OFF	OFF	只连接 1 个接警中心，详细配置参考主机用户手册中 1#IPM-23 SUPER 的相关配置。

IPM-23 SUPER II 上电后，从主机配置中获取所有网络通讯参数。

非SUPER系列主机跳帽设置

如*图 1*所示，若 IPM-23 SUPER II 安装于非 SUPER 系列主机，跳帽设置如下：

J1	J2	J3	J4	描述
ON	ON	ON	OFF	同时与接警中心 1 和接警中心 2 连接。
ON	OFF	ON	OFF	只与接警中心 1 连接。
OFF	ON	ON	OFF	只与接警中心 2 连接。
OFF	OFF	ON	OFF	只与接警中心 1 连接。

注意：IPM-23 SUPER II 安装在非 SUPER 系列主机时，在接警中心显示对应的设备名称为 IPM-23。

恢复出厂值（仅针对非 SUPER 系列主机）：上电前安装 J4 跳帽，上电后，取下 J4 跳帽。

默认出厂值如下表所示：

参数		出厂值
主机默认类型		238C PLUS II
安装员码		012345
IPM-23 SUEPR II	IP 地址	192.168.0.3
	子网掩码	255.255.255.0
	网关	192.168.0.1
	密码	000000
接警中心 1	IP 地址	192.168.0.2
	端口	3000
	键盘地址	06
	序列号	0000
接警中心 2	IP 地址	192.168.1.2
	端口	3000
	键盘地址	07
	序列号	0000

注意：接警中心 1 和接警中心 2 的设置不能相同。

指示灯说明

如*图 1*所示，指示灯说明如下：

指示灯	状态	说明
CR7	绿色常亮	与接警中心 1 连接
CR8	绿色常亮	与主机连接正常
	熄灭	与主机连接异常
CR9	绿色常亮	与接警中心 2 连接
CR10	绿色闪烁	正常运行
	不闪烁	运行故障

DHCP设置

对于 SUPER 系列主机，若需自动获取 IP 地址，通过主机将 IPM-23 SUPER II 的自身 IP 地址设置为"0.0.0.0"。

对于非 SUPER 系列主机，若需自动获取 IP 地址，通过配置软件将 IPM-23 SUPER II 的自身 IP 地址设置为"0.0.0.0"。

系统重启

短接 RST 跳线（见*图 1*）重启 IPM-23 SUPER II。

装箱清单

部件名称	数量
IPM-23 SUPER II	1
用户手册	1
合格证	1

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，本产品的相关信息如下：

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；

产品中有毒有害物质或元素的名称及含量见下表：

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)
印刷电路板组件	X	O	O	O	O	O

产品中有毒有害物质或元素的名称及含量

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。

霍尼韦尔安防，您值得信赖的安防合作伙伴

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Honeywell

IPM-23 SUPER II

User Guide

IPM-23 SUPER II is designed as an extender module for 23XX series control panel. This module features the functions of network alarming, remote control, programming and so on.

Functions:

- TCP/IP network alarm
- Network based remote control and programming
- Dual CMS solution
- Static IP and DHCP

Parameters:

- AES-128bit encrypted communication and safer network devices
- 10/100BASE-T compatible, 100M speed
- Working voltage: DC 12V-15V; Current: 80mA-100mA

PC Requirements:

- 10M/100M auto-adapted network card
- Operating system: Windows® 2000 or later

Features:

- Online upgrade
- Support 23XX series control panel
- Obtain configurations from the control panel or configuration software
- Power supply by the control panel
- Easy installation and high compatibility

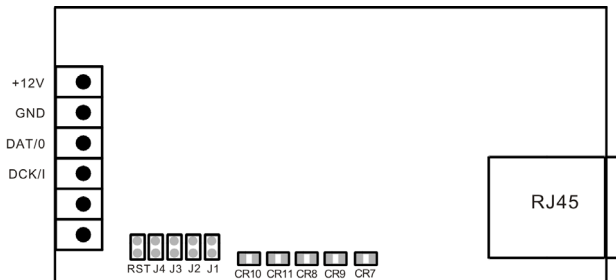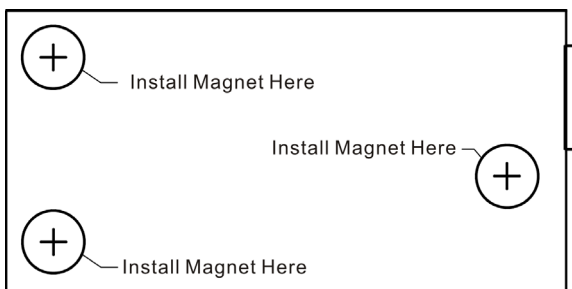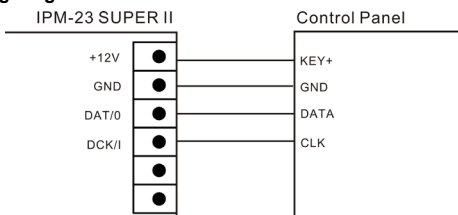## IPM-23 SUPER II Front and Rear View

Figure 1 Front View

Figure 2 Rear View

Wiring Diagram for IPM-23 SUPER II and the 23XX Series Control Panel

Note: If the control panel does not have CLK terminal, do not wire the DCK/I terminal of the IPM-23 SUPER II.

Jumper Settings for SUPER Series Control Panel

Follow the table below to set the jumpers if the IPM-23 SUPER II is installed on SUPER series control panel (see *Figure 1*).

J1	J2	J3	J4	Description
ON	ON	OFF	OFF	Connected with CMS 1and CMS 2 simultaneously. Refer to the installation guide for the control panel for configuration.
ON	OFF	OFF	OFF	Only connected with one CMS. Refer to "1#IPM-23 SUPER" in the installation guide for the control panel for configuration.
OFF	ON	OFF	OFF	Only connected with one CMS. Refer to "2#IPM-23 SUPER" in the installation guide for the control panel for configuration.
OFF	OFF	OFF	OFF	Only connected with one CMS. Refer to "1#IPM-23 SUPER" in the installation guide for the control panel for configuration.

The IPM-23 SUPER II obtains all the communication parameters from the control panel upon power-up.

Jumper Settings for Non-SUPER Series Control Panel

Follow the table below to set the jumpers if the IPM-23 SUPER II is installed on non-SUPER series control panel (see *Figure 1*).

J1	J2	J3	J4	Description
ON	ON	ON	OFF	Connected with CMS 1 & CMS 2 simultaneously.
ON	OFF	ON	OFF	Only connected with CMS 1.
OFF	ON	ON	OFF	Only connected with CMS 2.
OFF	OFF	ON	OFF	Only connected with CMS 1.

Note: If the IPM-23 SUPER II is installed on non-SUPER series control panel, the device name is displayed as IPM-23 on the CMS.

Restore default settings (for non-super series control panel): Place the jumper on J4, power up the control panel, and then cut the jumper. Refer to the following table for the default settings:

Item		Value
Default control panel		238C PLUS II
Installer code		012345
IPM-23 SUEPR II	IP address	192.168.0.3
	Subnet mask	255.255.255.0
	Gateway	192.168.0.1
	Password	000000
CMS 1	IP address	192.168.0.2
	Port	3000
	Keypad address	06
	Serial number	0000
CMS 2	IP address	192.168.1.2
	Port	3000
	Keypad address	07
	Serial number	0000

Note: Configurations for CMS 1 and CMS 2 can't be the same.

LED Indicators

Refer to the following table for the descriptions of LED indicators (see *Figure 1*):

LED Indicators	Status	Description
CR7	Green	Connected with CMS 1.
CR8	Green	Normal connection with the control panel.
	Off	Abnormal connection with the control panel.
CR9	Green	Connected with CMS 2.
CR10	Green flashing	Run normally.
	Not flashing	Trouble

DHCP Settings

SUPER series control panel: To obtain an IP address automatically, set the IP address of the IPM-23 SUPER II to "0.0.0.0" from the control panel.

Non-SUPER series control panel: To obtain an IP address automatically, set the IP address of the IPM-23 SUPER II to "0.0.0.0" via the configuration software.

System Restart

To restart the system, short the RST jumper (see *Figure 1*).

Shipping List

Parts	Quantity
IPM-23 SUPER II	1
User Guide	1
Certificate	1

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