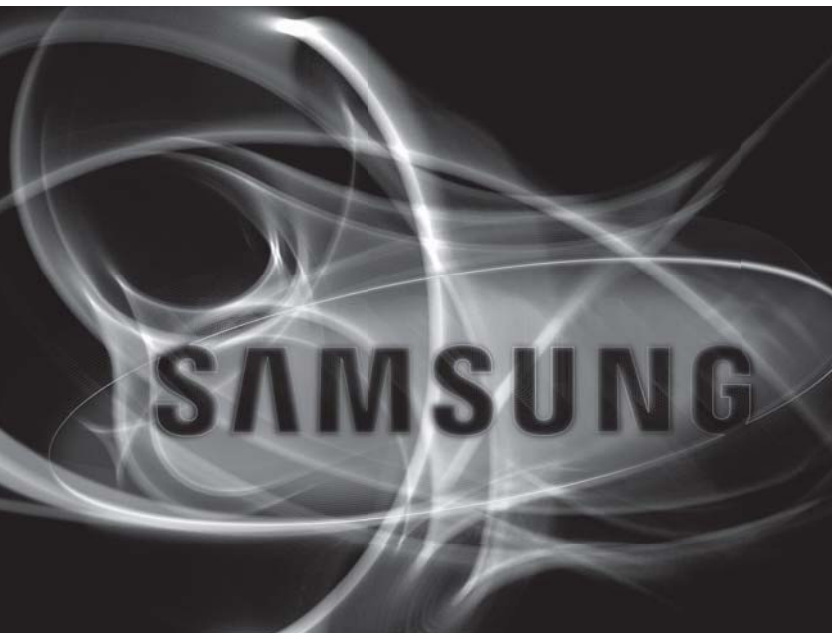


SAMSUNG TECHWIN

4 通道网络编码器 (叶片类型)

用户手册

SPE-400B



4 通道网络编码器 (叶片类型) 用户手册

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如果在正常条件下，产品无法操作，请告诉我们。Samsung Techwin 将免费解决问题。

保质期是 3 年。但是，不包括下列情况：

- 如果因为运行与系统操作无关的程序而导致系统行为异常。
- 使用时间长而导致性能下降或自然磨损

概述

重要的安全说明

1. 请阅读这些说明。
2. 请您妥善保存这些说明。
3. 请您遵守所有的操作说明。
4. 请您注意所有的警告说明。
5. 请您不要在水源附近运行本机器。
6. 请您用干布清洁本机器。
7. 请您不要堵塞通风口，在装入机器时，请您注意制造商的说明。
8. 请您不要将此机器放置在热源附近，如散热器，炉子或其它发热设备。
9. 请您绝对不要移去双线插头或有接地插头的安全装置，双线插头有两个不同宽度的插塞接点，接地插头有两个插塞接点和第三个接地接点。较宽的插塞接点或附加的接地接点是用来确保您的安全的，如果随同供货的插头规格不适合您的插座，请您委托电工更换适当的插座。
10. 请您正确铺设电源线，使其不会被踩踏和尖角损坏。请您尤其注意插头处，加长电缆和电线延伸到机器处是必须的具备充分的保护。
11. 请您使用制造商推荐的附加设备或配件。
12. 仅可使用厂商指定或随设备出售的运载车、支脚、三脚架、支架或工作台。使用运载车时，请小心避免在移动运载车/设备组合时翻覆。
13. 在雷雨天气或长时间不用的情况下，请拔下本设备的插头。
14. 请您委托具备资格的售后服务人员进行保养工作。出现以下情况时，有必要进行保养，例如当机器被损坏时（如电线或插头损坏），有物体或液体进入到机器内部时机器受到雨淋或潮湿后，机器运行不正常或摔落在地上时。



概述

警告

为防止火灾或电击等引起的破坏,不要把产品暴露于水中或潮湿处。请勿穿过设备上的通风栅格或其他开口插入任何金属物体。

请勿将设备放置于滴水或溅水的地方,且勿将装有水的物体(如花瓶)放在设备上。

注意



图形符号说明



等边三角形内带箭头的闪电符号用于警告用户: 产品机壳内存在“危险电压”,其电压量足以对人员构成电击危险。



等边三角形内的感叹号用于警告用户: 产品附带的文字中包含重要的操作和维护(维修)说明。

Class I 构造

具有 CLASS I 构造的设备应连接到具有保护接地连接的电源插座。

电池

电池(安装的电池组或电池)不得暴露在过多的热量下(如阳光、火焰或类似物体)。

在产品中换用不正确的电池可能会导致爆炸。因此，您必须使用与产品中正在使用的电池同类的电池。

注意

这些维修说明仅供合格的维修人员使用。

为减少电击的危险，除了操作说明中所描述的之外，请勿执行其他任何维修工作，除非您合格这么做。

概述

请仔细阅读以下建议的安全预防措施。

- 请勿将本设备放置于不平的表面上。
- 请勿安装在暴露在直射阳光下、靠近供暖设备或非常寒冷区域的表面上。
- 请勿将本设备放置在传导物体附近。
- 请勿自行维修本设备。
- 请勿将一杯水放在产品上。
- 请勿安装在任何磁源附近。
- 请勿堵塞任何通风口。
- 请勿在产品上放置任何重物。

用户手册是如何使用产品的指导书

书中所用符号的含义如下

- 参考：用于提供产品用法的帮助信息
 - 注意：如果不遵照说明是否有可能对物品和人员造成任何损害
- ※ 在使用物品之前请阅读本手册以保证安全, 并将它保存在安全的地方。

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产品特点

- **多流**

本网络编码器可以同时使用不同的编解码器以不同的分辨率和质量显示视频。



但是，不能在网页上播放 MPEG-4 视频。如果要在网页上播放视频，请使用 CMS 软件。

- **支持各种通信协议**

- **基于 Web 浏览器的监视**

使用互联网 Web 浏览器在本地网络环境中显示图像

- **警报**

如果发生事件，则会将与事件相关的视频传送至用户指定的电子邮件，或者将事件信号发送至 Alarm Out（警报输出）端口。

- **符合 ONVIF (Spec 1.01)**

本产品支持 ONVIF Core Spec. 1.01。

有关详细信息，请参阅 www.onvif.org。



Driving network video through global standardization

推荐 PC 技术规格

- CPU: Intel(R) Core(TM)2 2.00 GHz 或更高
- 操作系统: Windows XP、VISTA、7
Mac OS
- 分辨率: 1280X1024 像素或更高
- RAM: 1GB 或更大
- 网络浏览器: IE 7.0 或更高版本、Firefox、Chrome、Safari
- 显存: 128MB 或更大

概述

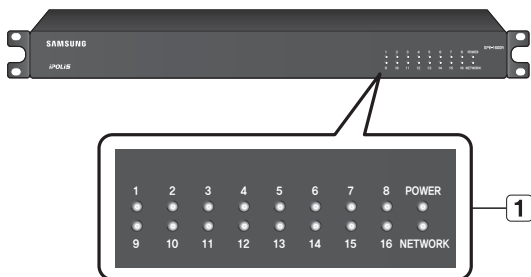
附带提供的物品

请检查产品包装内是否已包括网络编码器和所有附件。

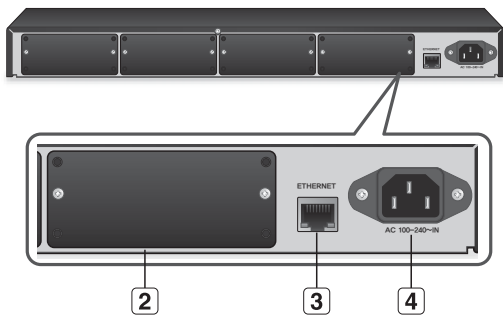
外观	项目名称	数量	说明
	用户手册, Installer 软件 CD	1	
	CMS S/W DVD	1	
	用户手册	1	
	接线端子	1	用于 RS-485 或警报线连接。
	自攻支架螺钉	2	用于将叶片 (SPE-400B) 与机架固定在一起

简图

SPE-1600R 前面



SPE-1600R 背面



■ SPE-1600R 需单独购买（非捆绑）。

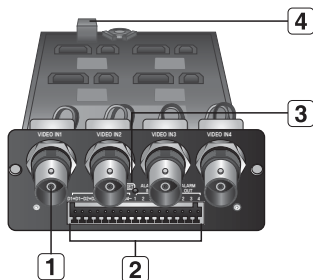
概述

项目		说明
1 每个通道的网络连接指示灯、电源和网络指示灯	1~16	连接至网络的通道将会闪烁绿色指示灯,指示网络连接状态。
	NETWORK	建立网络连接时,它会根据连接状态呈不同的颜色闪烁。 绿色:连接至 1000 Base-T 以太网后呈绿色闪烁。 黄色:连接至 10/100 Base-T 以太网后呈黄色闪烁。
	POWER	开:电源已打开 关:电源已关闭
2 叶片 (SPE-400B) 插槽	用于安装叶片 (SPE-400B) 的插槽。 插槽编号是 1 到 4,从最左边的那个起。安装叶片 (SPE-400B) 时,会以数字顺序为它分配一个 IP。	
3 网络端口	用于连接 LAN 电缆。	
4 电源端口	用于连接指定的电源。	



- 为了让视频传输顺畅,建议在 1000 Base-T 以太网环境中安装。

叶片 (SPE-400B)



项目	说明	
1 VIDEO IN (CH1~CH4)	用于连接 BNC 视频输入信号。	
2 I/O 端口	D+ (1~4)	RS-485 数据线
	D- (1~4)	RS-485 数据线
	ALARM IN (1~4)	警报输入(传感器)端口
	G	GND
	ALARM OUT (1~4)	警报输出端口
3 重置按钮	将网络编码器设置重置为默认值。按住该按钮大约 5 秒钟即可关闭系统指示灯，并重新启动系统。 ■ 如果您重置网络编码器，则会调整网络设置，以便可以启用 DHCP。如果网络中没有 DHCP 服务器，则您必须运行 IP Installer 程序更改基本的网络设置，如 IP 地址、子网掩码、网关等，然后才能连接到网络。 ■ 有关 IP 设置的更多信息，请参阅“网络设置”。(第 42 页)	
4 机架插头端口	用于将叶片 (SPE-400B) 连接至机架。	

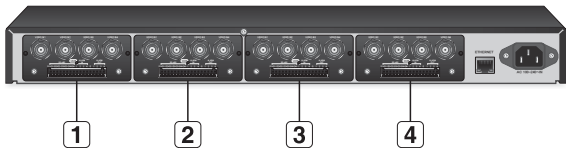
概述

检查 IP

在出厂默认情况下, 每个叶片 (SPE-400B) 的 IP 设置为 “192.168.1.100~103”。

如果您在安装所有 4 个叶片 (SPE-400B) 之后使用 IP INSTALLER 来检查 IP, 则可能会遇到冗余 IP。

如果出现这种情况, 请使用 IP INSTALLER 来手动更改 IP, 或者按住后面板上的 <RESET> 按钮 5 秒钟, 以按数字顺序更正 IP 分配。order.



插槽编号	初始 IP	<RESET(复位)> 后的 IP
1	192.168.1.100~103	192.168.1.100~103
2	192.168.1.100~103	192.168.1.104~107
3	192.168.1.100~103	192.168.1.108~111
4	192.168.1.100~103	192.168.1.112~115

安装与连接

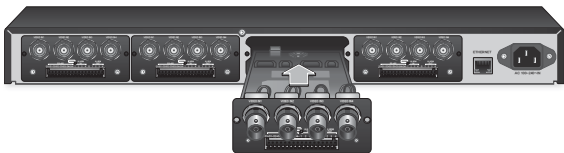
安装

安装叶片 (SPE-400B)

1. 松开 SPE-1600R 的叶片 (SPE-400B) 隔室中护盖两侧上的螺钉。



2. 将叶片 (SPE-400B) 插入到两个滑轨中（如图中所示），并按箭头方向将其插入。

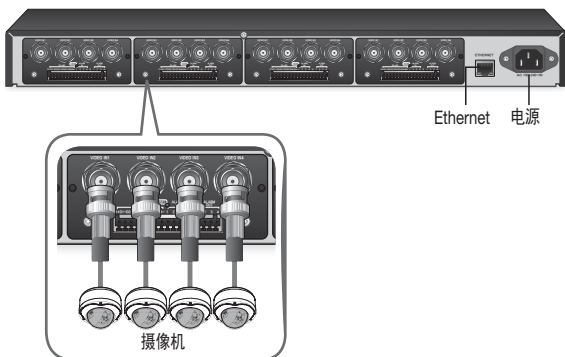


3. 插入叶片 (SPE-400B)，直到它与机架的插头吻合，然后固定螺钉。



安装与连接

与其他设备连接



■ SPE-1600R 需单独购买（非捆绑）。

连接摄像机

将网络编码器的 [VIDEO IN(视频输入)] 端口连接至摄像机的视频输出端口。

以太网连接

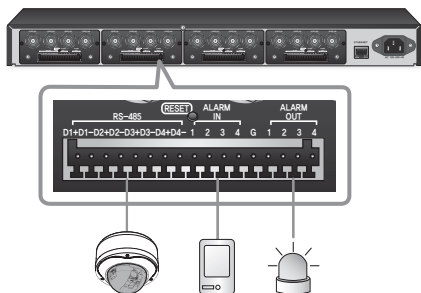
将以太网电缆连接到本地网络或互联网。

电源

连接电源线。

连接 RS-485 和 Alarm In/Out(警报输入/输出)端口

将 RS-485 和 Alarm I/O(警报输入/输出)电缆连接至后面板上相应的 I/O 端口。



端子	说明	端子	说明
D+(1~4)	RS-485 数据线	D-(1~4)	RS-485 数据线
ALARM IN (1~4)	警报输入(传感器)端口	ALARM OUT (1~4)	警报输出
G	GND		

连接 RS-485 设备

将外部设备连接至 [RS-485 D+, D-] 端口。

可以连接和控制支持 RS-485 通信的 PTZ 摄像机。

- 根据摄像机的类型，连接极性可能会有不同。
有关更多信息，请参阅相应的 PTZ 摄像机文档。

连接警报输入

将适用传感器的一条信号线(2 条中的一条)连接至 [ALARM IN] 端口，将另一条连接至 [G] 端口。



- 必须针对每个频道使用特定的 RS-485 警报 I/O 端口。

安装与连接

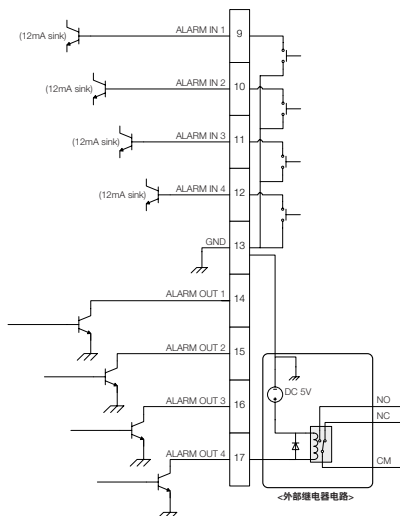
连接 ALARM OUT (警报输出)

警报输出系统是一种开放式收集器,设计为使用外接继电器。

额定最大值是 DC +24V、100mA。

警报 I/O 接线图

- ! 为了使用电气触点控制功率,需要单独的电路。
- 可以根据需要添加任意数目的外接继电器电路。
- 添加外接继电器电路时,必须并联安装二极管以保护电路,避免受到过电压冲击。



频道 I/O 端口表

	RS-485	ALARM IN	ALARM OUT		RS-485	ALARM IN	ALARM OUT
CH 1	D1+, D1-	1, G	1, G	CH 3	D3+, D3-	3, G	3, G
CH 2	D2+, D2-	2, G	2, G	CH 4	D4+, D4-	4, G	4, G

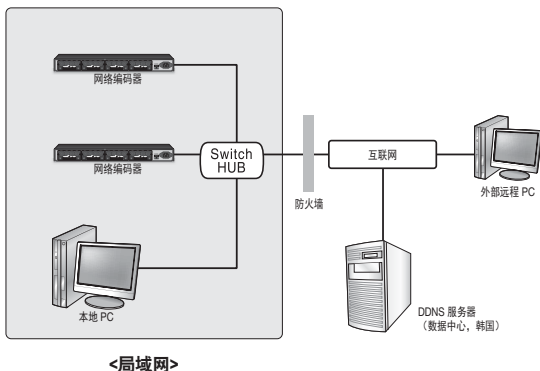
网络连接和设置

可根据您的网络配置来设置网络的设定。

将网络编码器直接连接至局域网

从 LAN 中的本地计算机连接至网络编码器

1. 启动本地 PC 上的网络浏览器。
2. 在浏览器的地址栏中输入网络编码器的 IP 地址。
 - 有关网络编码器的默认 IP 的信息，请参阅“检查 IP”。（第 14 页）



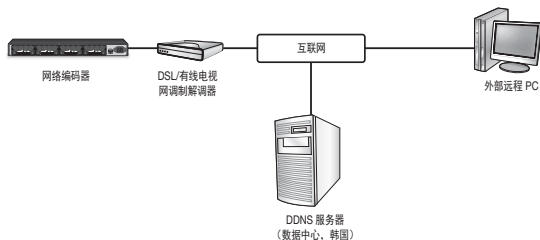
<局域网>



- 如果未正确设置正向端口或设置了防火墙，LAN 网络之外的外部互联网中的远程 PC 可能无法连接到内部网中安装的网络编码器。
在此情况下，联系网络管理员解决问题。
- 根据出厂默认值，会自动从 DHCP 服务器分配 IP 地址。如果没有可用的 DHCP 服务器，则会将 IP 地址设置为 192.168.1.100~103。
要更改 IP 地址，请使用 IP Installer。
有关 IP Installer 使用的详细信息，请参阅“静态 IP 设置”。（第 24 页）

网络连接和设置

将网络编码器直接连接至基于 DHCP 的 DSL/有线电视网调制解调器



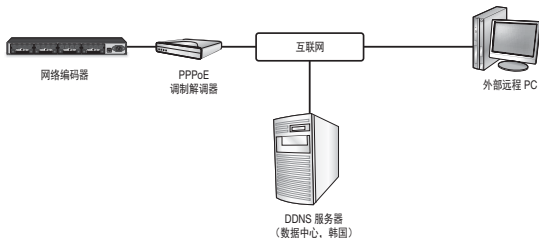
1. 使用交叉电缆将网络编码器直接连接至用户的计算机。
2. 运行 IP Installer 并将相应网络编码器的 IP 地址更改为可以使用互联网浏览器从用户的计算机访问的 IP 地址。
3. 通过使用互联网浏览器访问网络编码器。
4. 移至 **[设置]** 页面。
5. 移至 **[网络] - [DDNS]** 并配置 DDNS 设置。
6. 移至 **[网络] - [接口]**，并将网络类型设置为 **[DHCP]**。
7. 将网络编码器从用户的计算机分开，然后将它直接连接至调制解调器。
8. 重新启动网络编码器。



- 有关注册 DDNS 设置，请参阅“**注册 DDNS**”。(第 44 页)
- 有关配置 DDNS 设置，请参阅“**DDNS**”。(第 43 页)
- 有关设置网络类型，请参阅“**接口**”。(第 42 页)

将网络编码器直接连接至 PPPoE 调制解调器

1. 使用交叉电缆将网络编码器直接连接至用户的计算机。



2. 运行 IP Installer 并将相应网络编码器的 IP 地址更改为可以使用互联网浏览器从用户的计算机访问的 IP 地址。
3. 通过使用互联网浏览器访问网络编码器。
4. 移至 [设置] 页面。
5. 移至 [网络] - [DDNS] 并配置 DDNS 设置。
6. 移至 [网络] - [接口]，并将网络类型设置为 [PPPoE]。
7. 将网络编码器从用户的计算机分开，然后将它直接连接至调制解调器。
8. 重新启动网络编码器。

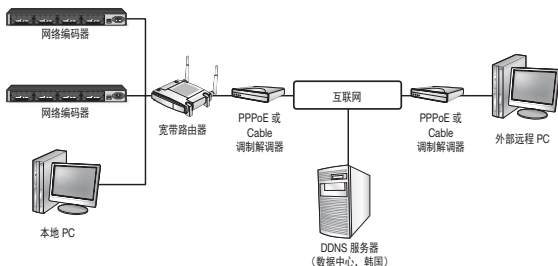


- 有关注册 DDNS 设置，请参阅“注册 DDNS”。(第 44 页)
- 有关配置 DDNS 设置，请参阅“DDNS”。(第 43 页)
- 有关设置网络类型，请参阅“接口”。(第 42 页)

网络连接和设置

将网络编码器连接至具有 PPPoE/有线电视网调制解调器的宽带路由器

适用于小型网络环境,如家庭、SOHO 以及普通的商店。



配置连接到宽带路由器

在配置连接到宽带路由器的本地 PC 的网络设置时,遵循以下说明。

- 选择: <Network Neighborhood> → <Properties> → <Local Area Connection> → <Properties> → <General> → <Internet Protocol (TCP/IP)> → <Properties> → <Obtain an IP address automatically> 或 <Use the following IP address>.
- 若您选择的是 <Use the following IP address>, 遵照以下说明操作:

例1) 如果宽带路由器的地址 (LAN IP) 是 192.168.1.1

IP 地址: 192.168.1.100

子掩网码: 255.255.255.0

默认网关: 192.168.1.1

例2) 如果宽带路由器的地址 (LAN IP) 是 192.168.0.1

IP 地址: 192.168.0.100

子掩网码: 255.255.255.0

默认网关: 192.168.0.1

例3) 如果宽带路由器的地址 (LAN IP) 是 192.168.xxx.1

IP 地址: 192.168.xxx.100

子掩网码: 255.255.255.0

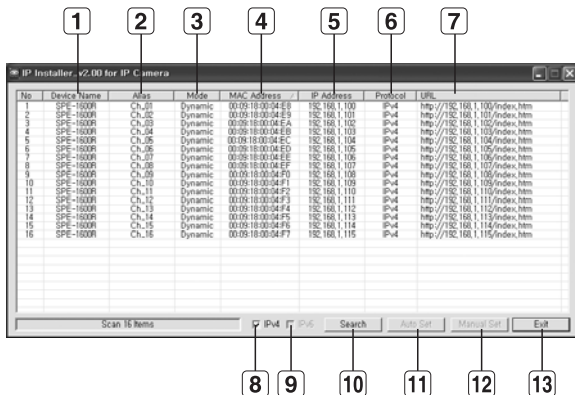
默认网关: 192.168.xxx.1



■ 关于宽带路由器的地址, 请参见产品文档。

■ 请参阅宽带路由器文档的“端口范围前移(端口映射)设置”章节。(第 29 页)

在 IP INSTALLER 中使用的按钮



项目	说明
1 Device Name	显示连接的网络编码器的型号名称。 单击此列可以按型号名称对列表进行排序。 但是,如果在搜索时单击将会停止搜索。
2 Alias	显示所连接设备的名称。(第 53 页) 但是,如果设备名称是默认 <Name>,则会改为显示编码器的通道信息。
3 Mode	对当前网络连接状态显示 <Static> 或 <Dynamic>。
4 MAC(Ethernet) Address	显示连接的网络编码器的以太网地址。 单击此列可以按以太网对列表进行排序。 但是,如果在搜索时单击将会停止搜索。
5 IP Address	IP 地址。 单击此列可以按 IP 地址对列表进行排序。 但是,如果在搜索时单击将会停止搜索。 出厂默认设置为“192.168.1.100~103”。
6 Protocol	显示连接的网络编码器的网络协议设置。 默认情况下,在交付时它设置为“IPv4”。 如果网络编码器设置为 IPv6,它将显示 IPv6。

网络连接和设置

项目	说明
7 URL	DDNS URL 地址可以从外部互联网访问。 但是,如果 DDNS 注册失败,则会用网络编码器的 <IP Address> 取代此项。
8 IPv4	搜索采用 IPv4 的网络编码器
9 IPv6	搜索采用 IPv6 的网络编码器 在符合 IPv6 的环境中激活。
10 Search	搜索连接至当前网络的网络编码器。 但是,如果没有选取 IPv4 也没有选取 IPv6,该按钮将呈灰色。
11 Auto Set	IP Installer 自动配置网络设置。
12 Manual Set	您应该手动配置网络设置。
13 Exit	退出 IP Installer 程序。



- 对于 IP Installer, 请仅使用在安装 CD 中提供的安装程序版本, 或者使用最新版本 (如果可用)。您可以从产品网站下载最新版本。

静态 IP 设置

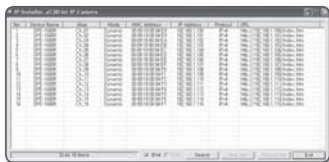
手动网络设置

运行 <IP Installer_vX.XX.exe> 程序以显示网络编码器搜索列表。
在初始启动时, [Auto Set] 和 [Manual Set] 将呈灰色。



- 在版本 2.00 或更高版本中使用 IP Installer。
- 如果搜索的 IPv6 网络编码器不支持此功能, 该按钮不会激活。

- 从搜索结果中选择想要的网络编码器。
检查所选网络编码器背面打印的 MAC (以太网) 地址。将激活 [Auto Set] 和 [Manual Set] 按钮。
- 单击 [Manual Set]。
Manual Setting 对话框将会出现。
将显示网络编码器的 <IP Address>、<Subnet Mask>、<Gateway>、<HTTP Port> 和 <VNP Port> 的默认值。



3. 在 <Address> 窗格中，提供必需的信息。

- MAC (Ethernet) Address: 将自动设置适用网络编码器的 MAC (以太网) 地址，因此您无需手动输入。



如果使用宽带路由器

- IP Address: 输入宽带路由器提供的 IP 范围内的地址。
例) 192.168.1.2~254,
192.168.0.2~254,
192.168.XXX.2~254
- Subnet Mask: 将宽带路由器所用的 <Subnet Mask> 值用于网络编码器的 <Subnet Mask> 设置。
- Gateway: 将宽带路由器的 <Local IP Address> 用于网络编码器的 <Gateway> 设置。



- 设置可能因连接的宽带路由器型号而异。
有关详细信息，请参阅适用路由器的用户手册。
- 请参阅宽带路由器文档的“端口范围前移(端口映射)设置”章节。(第 29 页)

如果不使用宽带路由器

若要设置 <IP Address>、<Subnet Mask> 和 <Gateway>，请联系网络管理员。

4. 在 <Port> 窗格中，提供必需的信息。

- HTTP Port: 使用通过互联网浏览器访问网络编码器的 HTTP 端口号，默认值为 80。
使用旋钮更改 HTTP 端口值。
- VNP Port: 用于控制视频信号传输，默认值为 4520。



5. 输入密码。

输入“admin”帐户用于访问网络编码器的密码。
默认密码为“4321”。

网络连接和设置

6. 单击 **[OK]**。
将完成手动网络设置。

如果两个或多个网络编码器连接至宽带路由器

将网络编码器与 IP 地址和端口相关的字段设置为不同。

示例)

类别	IP 相关设置	端口相关设置
	IP Address / Subnet Mask / Gateway	HTTP Port / VNP Port
CH 1	192.168.1.100 / 255.255.255.0 / 192.168.1.1	8080 / 4520
CH 2	192.168.1.101 / 255.255.255.0 / 192.168.1.1	8081 / 4521
CH 3	192.168.1.102 / 255.255.255.0 / 192.168.1.1	8082 / 4522
CH 4	192.168.1.103 / 255.255.255.0 / 192.168.1.1	8083 / 4523
CH 5	192.168.1.104 / 255.255.255.0 / 192.168.1.1	8084 / 4524
CH 6	192.168.1.105 / 255.255.255.0 / 192.168.1.1	8085 / 4525
CH 7	192.168.1.106 / 255.255.255.0 / 192.168.1.1	8086 / 4526
CH 8	192.168.1.107 / 255.255.255.0 / 192.168.1.1	8087 / 4527
CH 9	192.168.1.108 / 255.255.255.0 / 192.168.1.1	8088 / 4528
CH 10	192.168.1.109 / 255.255.255.0 / 192.168.1.1	8089 / 4529
CH 11	192.168.1.110 / 255.255.255.0 / 192.168.1.1	8090 / 4530
CH 12	192.168.1.111 / 255.255.255.0 / 192.168.1.1	8091 / 4531
CH 13	192.168.1.112 / 255.255.255.0 / 192.168.1.1	8092 / 4532
CH 14	192.168.1.113 / 255.255.255.0 / 192.168.1.1	8093 / 4533
CH 15	192.168.1.114 / 255.255.255.0 / 192.168.1.1	8094 / 4534
CH 16	192.168.1.115 / 255.255.255.0 / 192.168.1.1	8095 / 4535



- 如果配置为使用 80 以外的 **<HTTP Port>** 号，则为正确访问网络编码器，当给互联网浏览器的 URL 字段输入地址时，使用的 **<Port>** 号应跟随地址。

例) http://IP address: HTTP Port

http://192.168.1.100:8080

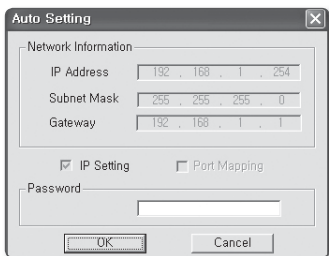
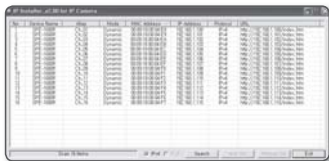
自动网络设置

运行 <IP Installer_vX.XX.exe> 程序以显示网络编码器搜索列表。
在初始启动时, [Auto Set] 和 [Manual Set] 将呈灰色。



- 在版本 2.00 或更高版本中使用 IP Installer。
- 如果搜索的 IPv6 网络编码器不支持此功能, 该按钮不会激活。

1. 从搜索结果中选择想要的网络编码器。
检查所选网络编码器背面打印的 MAC (以太网) 地址。
将激活 [Auto Set] 和 [Manual Set] 按钮。
2. 单击 [Auto Set]。
Auto Setting 对话框将会出现。
将自动设置 <IP Address>、<Subnet Mask> 和 <Gateway>。
3. 输入密码。
输入 “admin” 帐户用于访问网络编码器的密码。
默认密码为 “4321”。
4. 单击 [OK]。
将完成自动网络设置。



网络连接和设置

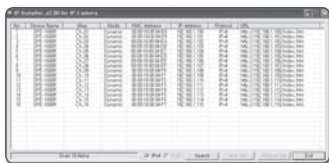
动态 IP 设置

动态 IP 环境设置

- 动态 IP 环境示例
 - 如果由 DHCP 服务器为已连接网络编码器的宽带路由器分配 IP 地址
 - 当网络编码器直接安装到采用 DHCP 的调制解调器时
 - 如果 IP 由内部 DHCP 服务器通过 LAN 分配

检查动态 IP

1. 在用户的本地计算机上运行 IP Installer，以在列表中显示分配了 <Dynamic IP> 地址的网络编码器。
2. 从搜索的列表中选择网络编码器，然后单击 [Manual Set] 按钮以检查分配给网络编码器的 <Dynamic IP> 地址。如果取消选取 <DHCP>，您即可将 IP 或 <Port> 更改为 <Static>。

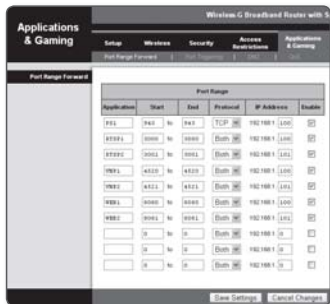


端口范围前移(端口映射)设置

如果网络编码器安装到宽带路由器,将需要宽带路由器的正向端口设置以便能够从 宽带路由器网络之外的计算机访问网络编码器。

手动端口范围前移

1. 从宽带路由器的 Setup 菜单中, 选择 **<Applications & Gaming>** - **<Port Range Forward>**。
对于第三方宽带路由器端口范围前移设置, 请参阅该宽带路由器的用户手册。
2. 对连接到宽带路由器的每个网络编码器选择 **<TCP>** 和 **<UDP Port>**。
宽带路由器的每个端口号设置应与在 **<网络>**-**<端口>** 中指定的网络编码器端口号设置匹配。
3. 完成后, 单击 **[Save Settings]**。
将保存设置。



- 以上样本说明基于 CISCO 的宽带路由器 (型号: LINKSYS)。
- 设置可能因连接的宽带路由器型号而异。
有关详细信息, 请参阅适用路由器的用户手册。

网络编码器的端口转发

如果将网络编码器 (SPE-1600R) 连接至路由器, 则必须将网络编码器 (SPE-1600R) 任一频道的端口转发设置为端口号 TCP 943。

如果连接至配备所有 4 个叶片 (SPE-400B) 的 SPE-1600R, 则必须创建 16 个 IP 地址并设置每个叶片的端口转发。

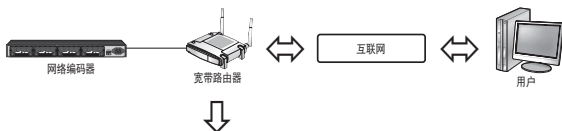


- 如果您没有正确设置路由器的 TCP 943 端口, 则无法从网络编码器的网页上获得任何视频流。

- TCP 943 端口是网络编码器的 Silverlight 策略服务器端口。
- 您可通过配置网页在宽带路由器设备上设置 Port Forwarding (正向端口) 的规则。
- 您无法更改网络编码器的 Silverlight 策略服务器端口。
- 策略服务器端口以外的端口号可用于在网络编码器的设置页面中进行自定义。

网络连接和设置

示例) 如果将网络编码器 (SPE-1600R) 连接至路由器



宽带路由器					
开始	结束	协议	IP 地址		
943	943	TCP	192.168.1.100	⇔	
3000	3000	TCP/UDP	192.168.1.100		
3001	3001	TCP/UDP	192.168.1.101		
3002	3002	TCP/UDP	192.168.1.102		
3003	3003	TCP/UDP	192.168.1.103		
⋮	⋮	⋮	⋮		
3013	3013	TCP/UDP	192.168.1.113	⇔	
3014	3014	TCP/UDP	192.168.1.114		
3015	3015	TCP/UDP	192.168.1.115		
4520	4520	TCP/UDP	192.168.1.100		
4521	4521	TCP/UDP	192.168.1.101		
4522	4522	TCP/UDP	192.168.1.102		
4523	4523	TCP/UDP	192.168.1.103	⇔	
⋮	⋮	⋮	⋮		
4533	4523	TCP/UDP	192.168.1.113		
4534	4534	TCP/UDP	192.168.1.114		
4535	4535	TCP/UDP	192.168.1.115		
8080	8080	TCP/UDP	192.168.1.100		
8081	8081	TCP/UDP	192.168.1.101	⇔	
8082	8082	TCP/UDP	192.168.1.102		
⋮	⋮	⋮	⋮		
8093	8093	TCP/UDP	192.168.1.113		
8094	8094	TCP/UDP	192.168.1.114		
8095	8095	TCP/UDP	192.168.1.115		

CH 1 (192.168.1.100)	
Web 服务器端口	8080
VNP 端口	4520
RTSP 端口	3000
策略服务器端口	943

CH 2 (192.168.1.101)	
Web 服务器端口	8081
VNP 端口	4521
RTSP 端口	3001
策略服务器端口	943

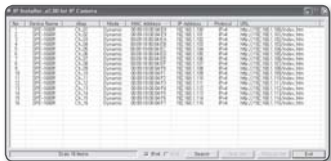
CH 3 (192.168.1.102)	
Web 服务器端口	8082
VNP 端口	4522
RTSP 端口	3002
策略服务器端口	943

⋮

CH 16 (192.168.1.115)	
Web 服务器端口	8095
VNP 端口	4535
RTSP 端口	3015
策略服务器端口	943

从共享的本地计算机连接至网络编码器

1. 运行 IP Installer。
它将扫描连接的网络编码器，并显示它们的列表。
2. 双击要连接的网络编码器。
互联网浏览器打开并访问网络编码器。



- 可通过在打开的互联网浏览器的地址字段中输入网络编码器的 IP 地址来访问它。

从远程计算机通过互联网连接到网络编码器

由于不允许在不属于宽带路由器网络群集的远程计算机上使用 IP Installer, 所以用户需通过网络编码器的 DDNS URL 在宽带路由器网络内访问网络编码器。

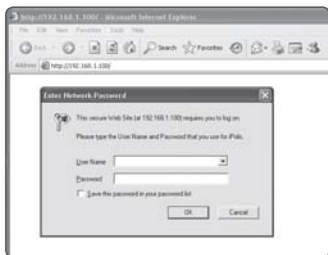
1. 如果网络编码器安装到宽带路由器，将需要宽带路由器的正向端口设置以便能够从宽带路由器网络之外的计算机访问网络编码器。
2. 要使用互联网浏览器从远程计算机访问网络编码器，请将网络编码器的 DDNS URL 或宽带路由器的 IP 地址输入到浏览器的地址字段。
例) <http://www.samsungipolis.com/>[产品域]

web 查看器

连接至网络编码器

通常,您应该

1. 启动互联网浏览器。
2. 将网络编码器的 IP 地址输入到地址字段。
 - 例) • IP 地址 (IPv4) : 192.168.1.100
→ http://192.168.1.100
- 将会出现登录对话框。
 - IP 地址 (IPv6) : 2001:0230:abcd:ffff:0000:0000:ffff:1111
→ http://[2001:230:abcd:ffff::ffff:1111]
- 将会出现登录对话框。



如果 HTTP 端口为除 80 以外的值

1. 启动互联网浏览器。
2. 将网络编码器的 IP 地址和 HTTP 端口号输入到地址字段。
 - 例) IP 地址 : 192.168.1.100:HTTP 端口号(8080)
→ http://192.168.1.100:8080 - 将会出现登录对话框。

使用 URL

1. 启动互联网浏览器。
2. 将网络编码器的 DDNS URL 地址输入到地址字段。
 - 例) URL 地址 : http://www.samsungipolis.com/[产品域]
- 将会出现登录对话框。

检查 DDNS 地址

如果网络编码器直接连接至 DHCP 有线电视网/DSL/PPPoE 调制解调器,则每次连接尝试时,ISP(用户订购的互联网服务提供商)可能分配不同的动态 IP。

一旦您向 DDNS 服务器注册了基于动态 IP 的设备,当尝试访问该设备时,就可以轻松检查更改的 IP。

要将 IP 地址添加到 <DDNS> 服务器,请访问 www.samsungipolis.com 并注册您的设备,再将 DDNS 选项设置为 <Samsung DDNS>,然后提供 DDNS 服务器的用户 ID。

登录

默认的用户 ID 为“admin”,默认密码为“4321”。

1. 在 <User Name> 输入框中输入“admin”。
2. 在 <Password> 输入框中输入“4321”。
如果更改了密码,请输入更改的密码。
3. 单击 [OK]。
如果已成功登录,您将会看到 Live Viewer 屏幕。



- 为安全起见,请确保在 <系统> - <用户> 中更改了密码。
管理员 ID,即“admin”是固定的,无法更改。

- 如果您在完成输入之后选中“**Save this password in your password list**”选项,则从下次起将自动登录,而不会提示输入登录信息。



- 如果您使用 Internet Explorer 7.0 或 8.0 作为默认的 Web 浏览器,就可以使用 100% 的屏幕比查看最佳图像质量。降低该比率可能会切掉边框上的图像。

web 查看器

本网络编码器采用 Microsoft 的 Silverlight 用于视频显示。

安装 SILVERLIGHT RUNTIME

如果您的计算机未安装 Silverlight Runtime 或只安装了 Runtime 旧版本,当访问 Web 查看器时,会自动将打开 Silverlight Runtime 安装页面。

1. 单击 <Click Here>。



2. 当文件下载对话框弹出时, 请单击 <Run>。



3. 完成下载后, 请单击 <Run>。



4. 将显示 Silverlight Runtime 安装页面。
单击 <Install now> 以进行安装。



5. 完成后，请单击 <Close>。



6. 关闭并重新启动 Web 浏览器，然后尝试访问 Web 查看器。
正确安装 Silverlight Runtime 后，将看到现场屏幕。



- 为了使安装正常进行，请按以下方式设置拦截弹出窗口设置：

例) Internet Explorer → 工具 → 拦截弹出窗口 → 总是允许当前网站的弹出窗口 (A)



- 但是，未连接至互联网的 MAC OS X 用户，可以使用提供的安装 CD 来安装 Silverlight Runtime（运行 CD 中的可执行文件“Silverlight_xxx.dmg”。将会指导您完成软件的安装过程）。

web 查看器

使用现场屏幕



项目	说明
1 正在监视	移至监视屏幕。
2 设置	移至设置屏幕。
3 查看器屏幕	显示屏幕上的现场视频。
4 警报输出	激活警报输出端口。
5 隐藏警报指示器	隐藏查看器屏幕边沿附近的警报指示器。
6 摄像机菜单	用于检索和自定义连接的摄像机的设置菜单。 有关选择和保存每个菜单项的信息,请参阅“使用摄像机菜单”。(第 37 页)
7 PTZ	您可以控制连接到网络编码器的摄像机的平移/倾斜/缩放
8 数字 PTZ	可以使用鼠标滚轮以激活数码缩放。

项目	说明
9 屏幕优化.全屏	将屏幕调整为最佳大小,并在现场屏幕上显示全屏图标。
10 捕捉	以 .bmp 格式将快照另存为图像文件。
11 视频格式	可以在 <视频> 设置菜单下的 <视频配置文件> 中选择配置文件类型。 ☒ 对于 IE 6.0 用户,如果未播放选择的配置文件,请按 <视频配置文件> 对话框旁边的“浏览”按钮,然后重新选择配置文件类型。 ☒ 如果显示“编解码器无效”消息,请再次从配置文件列表中选择配置文件类型。



- 如果温度低于操作范围,则可能不会产生视频信号。此种情况下,请等待视频。

使用摄像机菜单

用于检索和自定义连接的摄像机的设置菜单。

1. 启动 Web 查看器。
2. 单击现场屏幕左下角的 **[摄像机菜单]** ()。
3. 使用上/下 (▲/▼) 按钮移至所需的项目。
4. 单击 **[确认]** ()。然后,使用上/下 (▲/▼) 按钮移动到所需的项目。
5. 要访问子菜单项,请单击 **[确认]** ()。
6. 要移到上一个菜单或退出菜单设置,请单击 **[取消]** () 按钮。



- 摄像机菜单可能会因摄像机而异。有关详情,请参阅摄像机的用户手册。

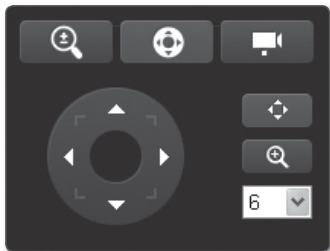
web 查看器

控制 PTZ 功能

如果已将支持 PTZ 功能的摄像机连接至网络编码器,则可以控制该已连接的摄像机。

- 如果 PTZ 功能不可控制,请检查摄像机和网络编码器的 RS-485 连接状态 (第 17 页)
- 检查是否已正确设置已连接的摄像机和协议。(第 41 页)

1. 按 [PTZ ()] 按钮。
2. 当屏幕上出现 PTZ 按钮条时,请使用方向按钮根据您的喜好调整摄像机角度、变焦系数或聚焦。



捕捉快照

1. 在场景上单击 [] 进行捕捉。
捕捉对话框将会出现。
2. 单击 [Save] 按钮。
屏幕截图会保存在指定的路径中。

- 如果使用 IE8 作为默认 Web 浏览器,请选择“工具-Internet 选项-安全”并取消选择“使用保护模式”。



适合全屏

1. 单击 [全屏 ()] 按钮。
查看器中将显示相应的按钮。
2. 单击该按钮。
这将使查看器适合全屏。
3. 要退出全屏模式,请按键盘上的 [Esc]。

设置屏幕

设置

可以在网络上设置网络编码器的视频、网络、事件和系统默认设置。

1. 在现场屏幕中，单击 [设置 ()]。
2. 设置屏幕将会出现。

视频设置

视频配置文件

1. 从设置菜单，选择 <视频 ()> 选项卡。
 2. 单击 <视频配置文件>。
 3. 选择 <视频配置文件> 编号。
 4. 单击每个项目的输入框，并输入/选择所需的值。
 - 上下文菜单可能因所选的编解码器类型而异。
 - 默认配置文件：这是默认视频配置文件。
 - 固定帧率配置文件：不管其他配置文件的设置，使所选配置文件的帧率固定。
 - 电子邮件/FTP配置文件：将传送至指定的电子邮件或 FTP 站点的视频配置文件。
 - 只有动作 JPEG 编解码器可以设置为电子邮件/FTP 配置文件。
5. 完成后，请单击 [应用 ()]。



设置屏幕

添加视频配置文件

可以根据需要添加许多编解码器,以便可以根据监视条件应用各种配置文件。

1. 选择配置文件编号。
2. 提供名称并选择编解码器。
3. 指定将应用编解码器的条件。
4. 指定所选编解码器的详细信息,包括分辨率和帧率。
 - 分辨率: 设置 MPEG4、H.264 和动作 MPEG 文件的视频大小。
 - 帧率: 指定帧率。
 - 压缩: 指定视频的压缩率。
 - 比特率控制: 您可从恒定比特率和可变比特率中选择一种方式进行压缩。
CBR (恒定比特率) 可改变视频质量并且固定网络传输比特率, 而可变比特率则通过改变网络传输比特率来强调质量。
 - 目标比特率: 指定传输视频将用的比特率。
 - 编码优先级: 可以将视频传输方法设置为帧率或质量。
 - GOP 尺寸: 在 1 至 15 之间选择 GOP 大小。
 - 配置文件: 可以选择 H.264 靠模方法。
 - 熵编码: 减少可能因编码引起的压缩损失。
 - 多播(VNP): 指定使用 VNP 协议。
 - IPv4: 输入可用于连接至 IPv4 网络的 IPv4 地址。
 - 端口: 指定视频通信端口。
 - TTL: 为 VNP 数据包设置 TTL。
 - 多播(RTP): 指定 RTP 协议的使用。
 - IPv4: 输入可用于连接至 IPv4 网络的 IPv4 地址。
 - 端口: 指定视频通信端口。
 - TTL: 可为 RTP 数据包设置 TTL。

GOP 大小是什么?

GOP(图片组)是用于 MPEG-4 和 H.264 格式压缩的视频帧,表示从初始 I 帧(关键帧)到下一个 I 帧的帧集合。GOP 由 2 类帧组成: I 帧和 P 帧。

I 帧是压缩的基本帧,也称为关键帧,包含一幅完整图像的数据。P 帧仅包含与先前的 I 帧相比发生了变化的数据。

您可以对 MPEG-4 和 H.264 CODEC 在 1 与 15 之间进行设置。

PTZ 设置

可激活变焦和设置想要的变焦预设。

1. 从设置菜单，选择 <视频 ()> 选项卡。
2. 单击 <PTZ 设置>。
3. 设置预设和串行端口。
 - 预设设置：选择 255 以外的数字，然后单击移动按钮将摄像机调整至所选预设定义的角度。但是，对于 SAMSUNG-E 协议，最多可以指定 128 个预设。
 - 应配置连接的摄像机以允许串行端口通信。
 - 串口设置：可设置连接的摄像机的 RS-485 通讯模式。
 - 摄像机和设备通过 RS-485 通信端口连接。
 - 如果连接的摄像机与通信相关的设置不正确，摄像机将不会正确工作。
 - 支持 SAMSUNG-T/E 和 Pelco-P/D 协议。
4. 完成后，请单击 [应用 ()]。



添加预设

1. 选择要添加的预设编号。
2. 设置预设的名称。
3. 按下 [添加 ()] 按钮。

删除预设

1. 选择要删除的预设编号。
2. 按下 [删除 ()] 按钮。

移动预设

1. 选择要移动的预设编号。
2. 按下 [移动 ()] 按钮。

设置屏幕

网络设置

接口

1. 从设置菜单，选择 <网络 (🌐)> 选项卡。

2. 单击 <接口>。

3. 根据需要设置 <接口> 和 <IPv6 设置>。

- IP 类型：选择 IP 连接类型。
 - 手动：指定 IP 地址、子网掩码、网关、DNS1 和 DNS2。
 - DHCP：指定 DNS1 和 DNS2。
 - PPPoE：指定 DNS1、DNS2、ID 和密码。
 - 如果将其设置为 <手动>，则应手动指定 IP、子网掩码、网关和 DNS 1 和 2。

- MAC 地址：显示 MAC 地址。
- IP 地址：显示当前 IP 地址。
- 子网掩码：显示所设 IP 的 <子网掩码>。
- 网关：显示所设 IP 的 <网关>。
- DNS1/DNS2：显示 DNS（域名服务）服务器地址。
- IPv6 使用：指定使用 IPv6。
- 模式：如果选择 <使用 IPv6>，将启用该模式。
- IPv6 地址：获取访问 IPv6 网络的 IPv6 地址。

4. 完成后，请单击 [应用 (👉)]。



- IP 地址分配将恢复为默认值 DHCP。
此时，如果系统在 1 分钟内检测不到 DHCP 服务器，则会自动将地址恢复为先前的设置。



端口

1. 从设置菜单，选择 <网络 ()> 选项卡。
2. 单击 <端口>。
3. 在端口菜单的每个项目中键入所需信息。
 - 0 至 1023 之间的端口范围和端口 3702 都不可用。
 - HTTP 端口：用于通过使用 Web 浏览器访问网络编码器的 HTTP 端口号。
默认值是 80(TCP)。
 - VNP 端口：设置用于根据 Samsung 协议传输视频信号的端口。
 - RTSP 端口：用于以 RTSP 模式传输视频，默认值为 554。
 - 查看器端口：用于将视频传输到 Web 查看器，默认值为 4520。
 - 查看器的端口范围应为 4502 与 4532 之间。如果 VNP 端口设置在此有效范围内，则应将查看器端口指定为与 VNP 端口相同。
 - Silverlight policy 端口：Silverlight 用于允许获得网络连接；默认为 943。
 - 您无法更改摄像机的查看器/Silverlight 策略服务器端口
4. 完成后，请单击 [应用 ()]。



DDNS

动态域名服务的首字母缩写词, 该服务用容易记忆的一般主机名替换用于访问网络编码器的 IP 地址。

1. 从设置菜单，选择 <网络 ()> 选项卡。
2. 单击 <DDNS>。
3. 选择 <DDNS>。
4. 根据所选类型键入 DDNS 项目。
 - Samsung DDNS：如果使用 Samsung Techwin 提供的 DDNS 服务器，请选择此项。



设置屏幕

- 公共 DDNS：使用公共 DDNS 服务器时，可从所提供的公共 DDNS 服务器中选择一个。
 - 主机名：输入向 DDNS 服务器注册的主机的名称（即 DynDNS 的主机名）。
 - 用户名：输入 DDNS 服务的用户名。（即向 DynDNS 注册的用户 ID）
 - 密码：输入 DDNS 服务的密码。（即向 DynDNS 注册的密码）

5. 完成后，请单击 [应用 ()]。

注册 DDNS

向 Samsung DDNS 注册您的产品

1. 访问 iPOLiS 网站
(www.samsungipolis.com) 并用已注册的帐户登录。



2. 从顶部的菜单栏，选择 <DDNS SERVICE> - <MY DDNS>。



3. 单击 [PRODUCT REGISTRATION]。

4. 进入产品领域。

- 对您进入的领域，必须执行重复检查。



5. 选择 **<CLASSIFICATION>** 并指定 **<MODEL NUMBER>**。
6. 指定产品位置及说明（如有必要）。
7. 单击 **[REGISTRATION]**。
产品将添加至产品列表，您可以对其进行检查。



在网络编码器设置中连接至 Samsung DDNS

1. 从 DDNS 设置页面，将 **<DDNS>** 设置为 **<Samsung DDNS>**。
2. 提供向 DDNS 网站注册产品域时指定的 **<主机名>**。
3. 单击 **[应用 ()]**。
成功进行连接后，屏幕上将显示消息 **<成功>**。



在网络编码器设置中配置公共 DDNS

1. 打开 DDNS 设置页面并为 **<DDNS>** 选择 **<公共 DDNS>**。
2. 输入相应站点的主机名、用户名和密码。
3. 单击 **[应用 ()]** 按钮。
如果正确建立连接，**<成功>** 将会出现。
4. 完成配置后，请单击 **[应用 ()]** 按钮。

设置屏幕

IP 过滤

可以创建想要授予或拒绝访问权限的 IP 列表。

1. 从设置菜单，选择 <网络 (🌐)> 选项卡。
2. 单击 <IP 过滤>。
3. 选择 <过滤类型>。
 - 拒绝：如果选择此项，将限制从添加至过滤列表的那些 IP 进行的访问。
 - 允许：如果选择此项，将只接受从添加至过滤列表的那些 IP 进行的访问。
4. 提供想要授予或拒绝访问权限的 IP。对于 IPv4，默认 IP 地址是 0.0.0.0，默认前缀是 32。
5. 从输入的 IP 地址中选择要批准或拒绝的所需 IP 地址。
6. 完成后，请单击 [应用 (✔)]。



SSL

可以选择安全连接系统或安装公共证书用于此目的。

1. 从设置菜单，选择 <网络 (🌐)> 选项卡。
2. 单击 <SSL>。
3. 选择安全连接系统。
 - 要通过 HTTPS 协议访问网络编码器，请按 `https://<网络编码器 IP>` 格式输入其 IP 地址。
4. 搜索并注册将安装到网络编码器的认证证书。

要将证书安装到网络编码器，应输入证书名称（可由用户定义）、认证机构颁发的证书文件及其密钥文件。

 - 仅当安装了公共证书，<HTTP（使用公共证书的安全连接模式）> 项目才会活动。
5. 完成后，请单击 [应用 (✔)]。



安装证书

1. 输入证书名称。
2. 选择要安装的证书文件及证书密钥，然后单击 [安装()] 按钮。

删除证书

1. 单击 [删除()] 按钮。

事件设置

FTP / 电子邮件

可以分配 FTP/邮件服务器,以便在发生警报或事件时传送网络编码器的存储器中存储的图像。

1. 从设置菜单,选择 <事件 ()> 选项卡。
2. 单击 <FTP / 电子邮件>。
3. 选择 <FTP 配置> 或 <电子邮件 配置> 并输入/选择所需的值。

• FTP 配置

- 服务器地址: 输入您将警报图像传输到的 FTP 服务器的 IP 地址。
- 用户 ID: 输入用于登录 FTP 服务器的用户 ID。
- 密码: 输入用于登录 FTP 服务器的用户帐户密码。
- 上载目录: 指定警报图像将传输到的 FTP 路径。
- 端口: FTP 服务器的默认端口为 21; 但是, 可以根据 FTP 服务器设置使用不同的端口号。
- 被动方式: 如果由于防火墙或 FTP 服务器设置需要以被动模式连接, 请选择 <开>。



设置屏幕

- 电子邮件 配置

- SSL 使用：如果您使用的电子邮件服务器使用 SSL，请选择此项。
示例) Google
- 服务器地址：输入进行电子邮件传输到的电子邮件服务器的 IP 地址。
示例) SMTP. hotmail. com
- 使用身份验证：选择是否使用身份验证。
- 用户 ID：输入用于登录电子邮件服务器的用户 ID。
- 密码：输入用于登录电子邮件服务器的用户帐户密码。
- 端口：电子邮件服务器的默认端口为 25；但是，可以根据电子邮件服务器设置使用不同的端口号。
- 收件人：输入电子邮件收件人的地址。
- 发件人：输入电子邮件发件人的地址。如果发件人地址不正确，来自发件人的电子邮件可能会被电子邮件服务器分类为垃圾邮件，这样可能不发送。
- 主题：输入电子邮件的主题。
- 正文：为邮件提供文本。将警报图像附加至准备的电子邮件。

4. 完成后，请单击 [应用 ()]

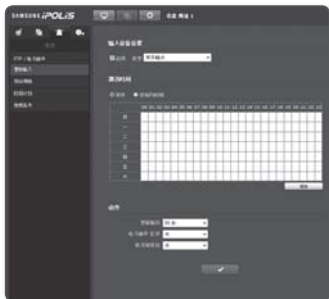
警报输入

可以设置警报输入类型、激活时间和工作模式。

1. 从设置菜单，选择 <事件 (🔔)> 选项卡。
2. 单击 <警报输入>。

设置警报输入

1. 将 <输入设备设置> 设置为 <启用>。
2. 指定 <类型>。
 - 类型
 - 常开触点：它通常是打开的，但是如果关闭，将触发警报。
 - 常闭触点：它通常是关闭的，但是如果打开，将触发警报。
3. 指定 <激活时间>。
 - 始终：当警报发出时，请始终检查。当警报发出时，它将在运行的模式下激活。
 - 仅预约时间：警报发出时，在一周指定的一天检查指定的时间长度。当警报发出时，它将在运行的模式下激活。
4. 指定警报发出时将执行的操作。
 - 警报输出：在警报输入设置中指定警报输出时间。
 - 电子邮件 发送：在警报输入设置中指定电子邮件传输的使用。
 - 转至预设位：在设置警报输入时，移动至指定的预设位置。
5. 完成后，请单击 [应用 (👍)]。



设置屏幕

移动探测

您可以设置目标检测区域和动作,以及警报信息输出。

1. 从设置菜单,选择 <事件 (🔔)> 选项卡。
2. 单击 <移动探测>。

设置移动探测

1. 将 <移动探测> 设置为 <启用>。
2. 指定 <灵敏度>。
 - 灵敏度: 设置动作检测的灵敏度级别。
 - 1: 低, 2: 中, 3: 高
3. 指定激活时间和条件。
 - 有关如何设置 <激活时间> 和 <动作>, 请参阅“警报输入”。(第 49 页)
4. 选择是否显示遮挡区域。

最多可设置 4 个遮挡区域。要设置遮挡区域,请用鼠标拖动想要的区域。

在设置的遮挡区域中,激活了移动探测。要删除设置的区域,请单击 [删除 (🗑️)] 按钮。
5. 完成后,请单击 [应用 (✅)]。



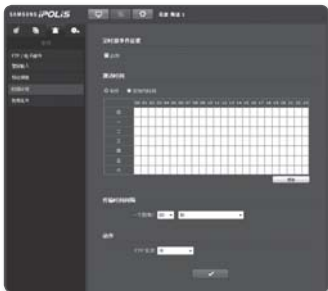
时间计划

可以配置以便让事件发生在计划的时间,而不管事件的实际发生时间。

1. 从设置菜单,选择 <事件 ()> 选项卡。
2. 单击 <时间计划>。

设置定时器事件

1. 将 <定时器事件设置> 设置为 <启用>。
2. 指定 <激活时间>。
 - 始终：始终在设置的时间间隔内以运行的模式激活。
 - 仅预约时间：在指定的时间和日期定期以运行的模式激活。
3. 指定 <传输时间间隔>。
4. 指定激活条件。
 - FTP 发送：指定事件发生时 FTP 传输的使用。
5. 完成后, 请单击 [应用 ()]。



设置屏幕

视频丢失

您可以设置在摄像机断开时产生警报,这样会引起视频丢失。

1. 从设置菜单,选择 <事件 (🔔)> 选项卡。
2. 单击 <视频丢失>。

设置视频丢失

1. 将 <视频丢失> 设置为 <启用>。
2. 指定激活时间和条件。
 - 有关如何设置 <激活时间> 和 <动作>, 请参阅“警报输入”。(第 49 页)
3. 完成后, 请单击 [应用 (✔)]。



系统设置

产品信息

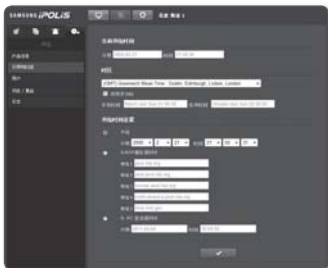
1. 从设置菜单，选择 <系统 ()> 选项卡。
2. 单击 <产品信息>。
3. 检查网络编码器信息或提供与安装环境匹配的详细说明。
 - 设备名称：提供将在现场屏幕上显示的设备名称。
 - 位置：输入安装网络编码器的位置。
 - 描述：输入描述安装网络编码器的位置的详细信息。
 - 备忘录：提供有关网络编码器的说明以便更好理解。
 - 语言：选择网络编码器菜单和 Web 查看器的语言。
4. 完成后，请单击 [应用 ()]。



 产品相关信息只允许输入英文。

日期和时间

1. 从设置菜单，选择 <系统 ()> 选项卡。
2. 单击 <日期和时间>。
3. 设置网络编码器的时间。
 - 当前系统时间：显示系统的当前时间设置。
 - 时区：指定本地基于 GMT 的时区。
 - 使用夏令时：如果选中，将在指定的时间段内将时间设置成比当地时区早一小时。
 仅在应用夏令时的地区显示此选项。



设置屏幕

- 系统时间设置：指定将应用于您的系统的时间和日期。
 - 手动：手动指定时间。
 - 与 NTP 服务器：与指定的服务器地址的时间同步。
 - 与 PC 查看器同步：与连接的计算机的时间同步。

4. 完成后，请单击 **应用 ()**。



- 如果选择了 **<与 PC 查看器同步>**，则网络编码器的标准时区应与 PC 的标准时区匹配。
- 应该分别指定 4 个频道中每一个的时间设置。
如果您要执行时间同步，请选择 NTP 或 PC 同步。

用户

1. 从设置菜单，选择 **<系统 ()>** 选项卡。

2. 单击 **<用户>**。

3. 提供必要的用户信息。

- 管理员密码更改：更改管理的当前密码。
- 访客设置：如果允许 **<访客访问>**，则任何客户可以访问 Web 查看器屏幕，但只能查看 Live Viewer 屏幕。
- 当前用户：可以为设置为 **<启用>** 的用户更改用户信息和调整权限级别。
 - 视频：可以在 Live Viewer 屏幕中选择视频配置文件。
 - 控件：可控制网络编码器菜单、PTZ 和警报按钮。



4. 完成后，请单击 **应用 ()**。

升级/重启

1. 从设置菜单，选择 <系统 ()> 选项卡。
2. 单击 <升级 / 重启>。
3. 选择所需的项目并进行适当设置。
 - 升级：执行系统升级。
 - 出厂默认设置：将系统重置为出厂默认值。
 - 网络参数之外：重置接口/端口 /DNS/IP 过滤设置以外的其他设置。
 - 全部：将网络编码器包括配置在内的所有设置初始化为出厂默认值。(但是，将不重置日志信息)
 - 如果您重置网络编码器，则会调整网络设置，以便可以启用 DHCP。如果网络中没有 DHCP 服务器，则您必须运行 IP Installer 程序更改基本的网络设置，如 IP 地址、子网掩码、网关等，然后才能连接到网络。
 - 配置备份文件：在执行恢复流程之前，备份当前的系统设置。备份或恢复之后，系统会自动重新启动。
 - 重新启动：重新启动系统。
4. 完成后，请单击 [重新启动 ()]。



执行升级

1. 单击 [升级]。
2. 单击 [浏览] 并指定要升级的文件。
3. 单击 [发送]。
4. “升级”对话框出现，其底部将显示进度。



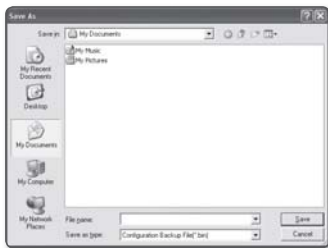
- 如果强行终止升级流程，升级将无法正确完成。



设置屏幕

保存当前设置和恢复备份设置

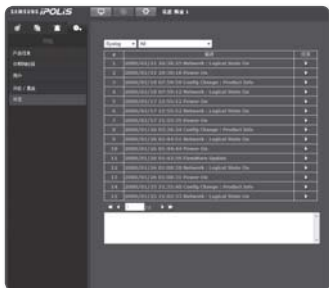
1. 单击 **[备份]**。
另存为对话框将出现。
2. 指定备份路径及正确的文件名，然后单击 **[Save]**。
备份文件将以 **“.bin”** 格式保存到指定的路径。
3. 要恢复备份设置，请单击 **[恢复]**。
4. 选择备份文件，然后单击 **[Open]**。



日志

可以检查系统日志或事件日志。

1. 从设置菜单，选择 <系统 ()> 选项卡。
2. 单击 <日志>。
3. 选择日志类型。
 - Syslog：您可以检查系统日志，其中记录了所有系统更改，包括时间信息。
 - Evtlog：可以检查事件日志，包括时间信息。
4. 从右边的日志列表，选择要搜索的项目。
 - 如果在左上角的下拉列表中选择了 <All>，将显示适用日志类型的所有日志。
5. 如果一页无法显示所有可用的日志，请使用底部按钮以移至前一个、下一个或最后项目。



- 如果要查看日志的详细信息，请单击日志右列中的 [信息 ()]；日志信息将显示在底部窗格中。
- 每页显示 15 个日志，最新的日志显示在顶部。
- 事件/系统日志列表最多可包含 1000 个日志；之后，每当创建新日志时，将删除最旧的现有日志。

附录

规格

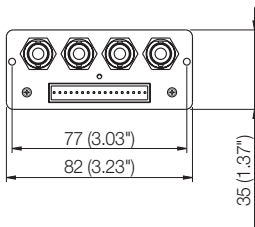
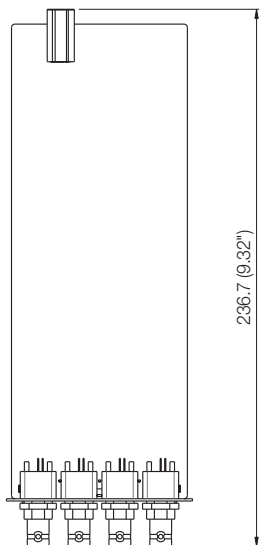
项目		说明
操作	视频输入	4 CVBS : 1.0 Vp-p / 75Ω 复合, NTSC/PAL 自动检测
	视频输出	—
	去隔行过滤器	内置
	事件触发	移动探测、警报输入、视频丢失
	警报 I/O	4 个输入/4 个输出
	遥控器接口	RS-485 端口 x4 (半双工)
	RS-485 协议	SAMSUNG-T/E, PELCO-P/D
网络	以太网	1000BASE-T
	视频压缩格式	H.264、MPEG-4、动作 JPEG
	分辨率	NTSC : 704x480, 640x480, 352x240, 320x240 PAL : 704x576, 640x480, 352x288, 320x240
	最大帧速率	NTSC : 30fps (每频道) / PAL : 25fps (每频道)
	视频质量调整	H.264/MPEG-4 : 压缩级别、目标比特率级别控制 动作 JPEG : 质量级别控制
	比特率控制方法	H.264/MPEG-4 : CBR 或 VBR 动作 JPEG : VBR
	流能力	多流 (最多 10 个配置文件)
	音频 I/O	—
	音频压缩格式	—
	音频通信	—
	IP	IPv4、IPv6

项目		说明
网络	协议	TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, ONVIF
	安全	HTTPS(SSL) 登录验证 分类登录验证 IP 地址过滤 用户访问日志
	流方法	单播 / 多播
	最大用户访问量	单播模式下 10 个用户
	内存插槽	-
	ONVIF 一致	是
	Web 查看器	支持的操作系统: Windows XP / VISTA / 7, MAC OS 支持的浏览器: Internet Explorer 7.0 或更高版本、 Firefox、Chrome、Safari
环境	中央管理软件	NET-i viewer
	工作温度/湿度	0°C ~ +40°C (+32°F ~ +104°F) / 相对湿度 20% ~ 80%
电气	进入保护	-
	输入电压	5V DC
机械	功耗	最大 11W
	颜色/材料	黑色 / 金属
	尺寸(宽 x 高 x 深)	宽 82 x 高 35 x 深 236.7 毫米 (3.23" x 1.37" x 9.32"), 包括插头
	重量	165g

附录

产品视图

单位: 毫米(英寸)



故障排除

故障	解决方法
无法使用浏览器访问网络编码器。	- 检查网络编码器的〈网络〉设置是否有效和正确。 - 检查网络缆线是否正确连接。 - 当在 DHCP 环境中时, 检查是否给网络编码器正确分配了动态 IP 地址。 - 若使用 DDNS URL, 确认 MAC 地址输入是否正确。 - 如果网络编码器安装到宽带路由器, 检查是否正确完成了正向端口设置。
查看器在监视期间断开。	- 如果另一位用户修改了网络编码器的网络设置或配置, 则现有〈Web Viewer〉连接可能已过期。 - 检查所有的网络连接。 - 如果网络编码器连接至 PPPoE 网络, 较差的网络流量或条件可能使〈Web Viewer〉连接中断。
无法使用 IE 7.0 的选项卡浏览器连接系统。	在尝试使用选项卡浏览器连接系统时, 使用的 cookie 信息相同, 这导致了连接时出错。因此, 打开新的浏览器窗口, 而非使用选项卡浏览器来连接系统。
IP Installer 程序找不到连接的网络编码器。	关闭 PC 上的防火墙设置, 然后再次搜索网络编码器。
图像重叠。	检查两个或多个网络编码器是否配置为使用不同的地址, 而不是使用相同的多播地址。如果将单一地址用于多个网络编码器, 则图像可能会重叠。
无图像出现。	如果视频传输方法设置为多播, 请检查连接至网络编码器的本地网络是否有支持多播的路由器。

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Component Name	License	License URL
lighttpd 1.4.25	BSD 2.0	http://www.opensource.org/licenses/bsd-license.html
librtsp 1.20	BSD 1.0	

lighttpd is a secure, fast, compliant, and very flexible web-server that has been optimized for high-performance environments. It has a very low memory footprint compared to other web servers and takes care of cpu-load. Its advanced feature-set (FastCGI, CGI, Auth, Output-Compression, URL-Rewriting and many more) make lighttpd the perfect webserver-software for every server that suffers load problems.

For more additional information, send email to help.cctv@samsung.com.

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 - glibc, Inetutils
-

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Version 2.1, February 1999

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