

SNC-B2315

SNC-B2315

使用说明

无穷想象，无限可能

感谢您购买三星产品。为了您能够获得更完善的客服，
请在以下网址注册您购买的产品

www.samsung.com/global/register



安全预防措施

	注意 不要擅自拆装机器，避免电击	
注意：为避免触电危险，不得取下机器后盖。机器内部没有用户可修理的部件。 修理工作只允许由具备资格的人员进行		



此符号表示在机壳内部存在未绝缘的危险电压，有触电的危险。



此符号提醒注意随同资料中重要的操作和保养说明。

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。
- 像头仅可连接到 PoE 网络时无需路由至外部厂址。

警告

1. 请使用符合产品规格的适配器。使其它任何适配器都可能造成火灾、触电事故或产品损坏。
2. 电源接错时可能引发火灾，触电事故或产品故障。
3. 禁止同一个适配器上同时连接多台摄像机使用，适配器容量超载可能引起异常发热及火灾。
4. 电源线应该牢固插入电源插座中（连接不牢固时可能造成火灾）。
5. 将摄像机安装于墙壁或天花板上时，应安全牢固地固定。摄像机坠落可能造成人身伤害。
6. 请勿将导体（如：螺丝刀、硬币或金属物）或盛满水的容器置于摄像机之上。
7. 请勿将本装置安装在潮湿、多尘或多烟的地方否则可能造成火灾或触电。
8. 如果装置中发出异常气味或烟雾请停止使用本产品。此时应立即拔出电源与服务中心联系。
此时如果继续使用可能造成火灾或触电
9. 如果本产品工作异常，请与经销商或最近的服务中心联系。请勿以任何方式拆解或更改本产品。
（因未授权用户拆解或维修造成的问题不在保修范围之内）。
10. 清洁时，请勿将水滴直接溅在产品部件上。（否则可能造成火灾或触电）。

- 产品内有害物质信息

部件名称	有毒有害物质元素					
	铅 (Pb)	汞(Hg)	镉(Cd)	六价铬Cr (VI)	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
印制电路板组件	×	○	○	○	○	○
金属部品	×	○	○	○	○	○
电缆	×	○	○	○	○	○
塑料部品	○	○	○	○	○	○

○：部品中有毒有害物质含量在< 含量标准> 的标准值内。
 ×：部品中有毒有害物质含量超出< 含量标准> 的标准值。

本表格表明机器内部含有有害物质，数据是根据部件类型，由部件制造商提供并在三星电子内部验证后做成的。
 某些部品包含的有害物质，按照现在的技术基准不能替代，三星电子一直在为改善此项而努力。

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s。
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. 请您使用制造商制定的或随同机器一起销售的推车，固定装置三脚架，支架或桌子。如果您使用推车，请在移动推车时特别小心，以避免绊倒而造成的伤害。



13. 在雷雨或长期不使用机器时，请您将电源插头拔出。
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。

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准备

特点

支持多种通信协议

本产品支持不同的通信协议,诸如 ARP、HTTP 和 DHCP 以及用于电子邮件传送的 TCP/IP、UDP、RTP/RTSP、SMTP 和 FTP 协议。

通过网络浏览器监视

通过网络浏览器监视 本产品能够通过互联网浏览器进行视频监视,使您可以与局域网一样,通过互联网观看视频。

自动本地 IP 设置功能

此功能可使不熟悉设置的人员以最少的输入来配置网络设置。

警告功能

若本产品与运动传感器连接,且传感器检测到运动,本产品会向您所注册的 FTP/电子邮件 (SMTP) 地址发送一份视频剪辑或在 SDHC 记忆卡上保存视频剪辑,并向报警输出端口发送信号。

动作检测功能

若运动传感器在用户指定的监视区域内检测到任何运动,本产品会向您所注册的 FTP/电子邮件 (SMTP) 地址发送一幅静态图片或在 SDHC 记忆卡上保存,并向报警输出终端发送信号。

注意 - 安装和使用

- 请勿拆解您的摄像头。
- 在使用摄像头时请小心。
- 避免使摄像头遭受冲击或震动,避免错误的储存和/或运行对摄像头带来的损坏。
- 请勿将摄像头安装至可能受雨淋或潮湿影响的地点,避免在潮湿环境下运行摄像头。
- 请勿使用粗糙的磨料或类似物质来清洁摄像头的壳体。若摄像头需要清洁,请使用干燥的抹布。
- 请将摄像头安装于有遮蔽,免于阳光直射的环境中。
暴露于阳光直射会对摄像头产生不良影响。
- 请勿弯折或丢掷 SDHC 记忆卡。
请勿在高温、潮湿或充满灰尘的环境中使用或储存 SDHC 记忆卡。
- 请避免异物在 SDHC 记忆卡触点上的堆积。
若在触点上已有异物堆积,请使用软布清洁。
- 在拔出 SDHC 记忆卡时,禁用 SD 卡录制以避免丢失数据(请参考 59 页中有关禁用 SD 卡录制的说明)。
- 在使用寿命过期的情况下无法将数据存入 SDHC 记忆卡。
若您遇到此类情况,请购买新的 SDHC 记忆卡。
- 制造商对客户的不正确使用所导致的数据丢失概不负责。
- 使用非建议的 PoE 设备可能会导致摄像头或 PoE 无法正常工作。(请参考第 4 页中的兼容 PoE 交换机)

推荐 PC 技术规格

- CPU : Pentium4/2.4GHz 或更高
- 操作系统 : Windows XP (SP2) / Windows Vista
- 分辨率 : 1024X768 像素或更高
- RAM : 512MB 或更大
- 网络浏览器 : IE 6.0 或更高版本
- 显卡 : Radeon 或 Nvidia
- 显存 : 128MB
- DirectX8.1 或更高版本

兼容 IP 路由器

- Linksys
- D-Link
- Netgear

兼容 POE 交换机

- Linksys SRW224G4P
- D-Link DES-1316
- SMC SMCPCR-INJ3

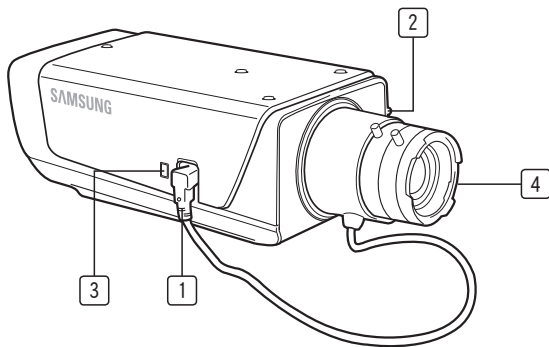
检查包装中的各组件

请确认包装中是否有下列物品。

		
摄像头	用户手册	C 安装型适配器 自动变焦镜头连接器
	选项	
软件 CD		
	CS 镜头	C 镜头

各部件的名称

正面



1 自动变光镜头连接器

提供控制变光、接续视频和 DC 信号的电源和信号。

2 后焦点调整杆

上下移动此杆来调整后焦点。

3 ALC 镜头选择开关

用于选择要使用的自动变光镜头。
在设置菜单中，DC 或视频的设置(变光菜单下的 ALC... 和... WDR)必须与所选择的开关位置相同。

- DC：若自动变光镜头需要 DC 控制信号，切换到 DC 位置。
- 视频：若自动变光镜头需要视频控制信号，切换到频置。

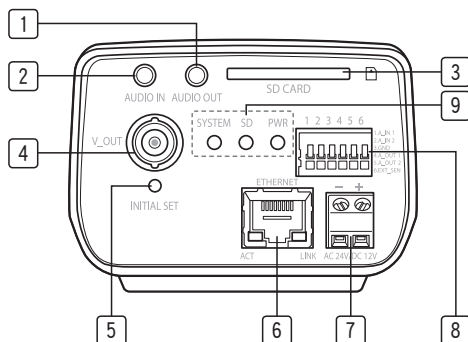
4 自动变光镜头(可选)

此镜头安装于本摄像头上。



- 若摄像头的镜头变脏,使用镜头布或沾有纯酒精的抹布轻柔地进行清洁。

背面



1	音频输出	用于输出音频信号。
2	音频输入	用于输入音频信号。
3	SDHC 记忆卡槽	这是插入 SDHC 记忆卡的位置。
4	视频输出	用于从摄像头输出视频信号。 此端口与显示器的视频输入端口连接。
5	复位按钮	将所有的摄像头设为默认设置。 按住 3 秒后,系统指示灯灭,系统重启。 ! 摄像头在复位后,只有在使用 IP 安装程序配置基本网络设置 (IP 地址、子网掩码、网关等)后才能再次使用。
6	以太网端口	以太网电缆线端口。
7	电源端口	请将电源线连至此端口。

8 I/O 端口

用于摄像头与外部设备的连接。

- A_IN 1 和 2：这些是警报输入端口。
- GND：这是 GND 端口。
- A_OUT 1 和 2：这些是警报输出端口。
- EXT_SEN：用于日/夜选项的外部控制。

9 系统、SD 和电源指示灯

这些指示灯为您提供系统、SD 和电源状态的有关信息。

LED	状态	描述
系统	长亮	在电源打开,网络连接正常时。
	闪烁	在 DDNS 设置出现故障时。
		在进行 DDNS 设置时。
	长灭	在网络连接不稳定时。
		电源关闭时。
SD	长亮	摄像头重启时。
		记忆卡插入且系统正常工作时。
		录制出现故障时。
	闪烁	记忆卡容量不足时。
		记忆卡不正确插入时。
PWR	长灭	电源关闭时。
		摄像头重启时。
	长亮	记忆卡拔出时。

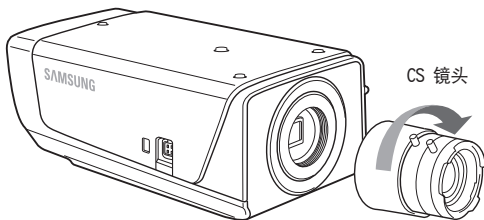
安装和连接

安装摄像头

在安装或改变位置前,请先拔下电源线。

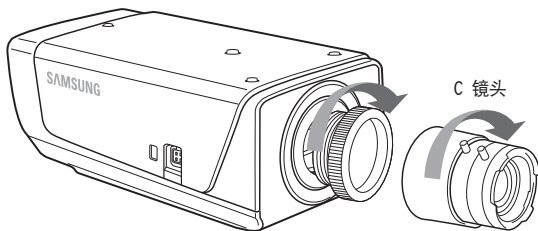
安装镜头

在使用 CS 镜头时



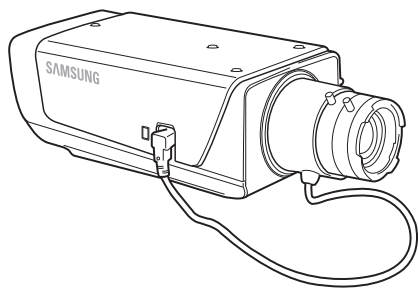
安装 CS 镜头时,按图示顺时针旋转。

在使用 C 镜头时



按顺时针旋转安装 C 镜头适配器后,顺时针旋转 C 镜头,直到图中的固定状态。

设置 ALC 镜头选择开关



可依据镜头类型来设置位于摄像头侧面的镜头选择开关。当所安装的镜头为 DC 控制型自动变焦镜头,将开关拨至“DC”。当所安装的镜头为视频控制型自动变焦镜头,将开关拨至“视频”。

调整后焦点

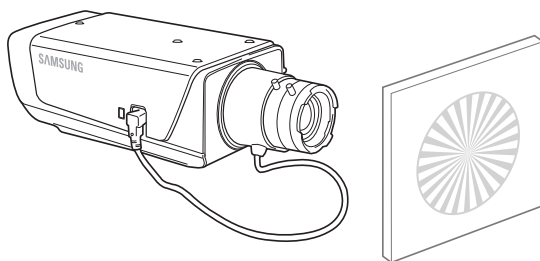
摄像头的后焦点在装运前已进行出厂调试,但是某些镜头,依类型不同,其焦点可能会不正确。若出现此类情况,需要调整后焦点。下列内容介绍了如何调整镜头后焦点。

镜头无变焦功能的情况

- 1 将摄像头放置至高分辨率物体(如镖靶图案)超过 10 米的位置,将镜头的聚焦环设置为无穷大 (∞)。
- 2 调整后焦点控制杆,直到获得最佳效果。
- 3 上紧后焦点控制杆的螺钉。

镜头有变焦功能的情况

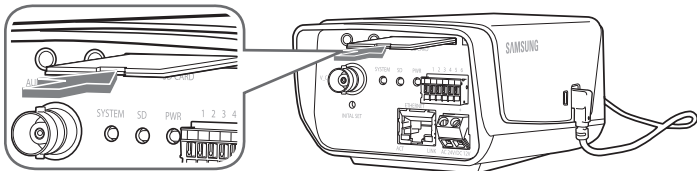
- 1 将摄像头放置至高分辨率物体(如镖靶图案) 3 至 5 米的位置,旋转镜头变焦至 TELE 方向。调整镜头聚焦环,直到获得最佳效果。
- 2 旋转镜头变焦至 WIDE 方向,调整后焦点控制杆,直到获得最佳效果。
- 3 重复步骤 1 和 2,直到 TELE 变焦和 WIDE 变焦足够清晰。



插入/拔出 SDHC 记忆卡

插入 SDHC 记忆卡

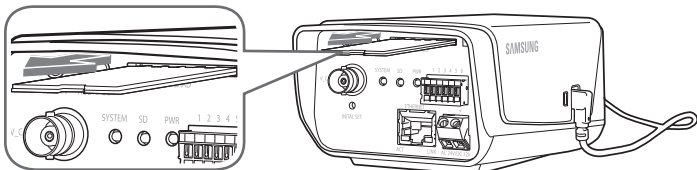
将 SDHC 记忆卡按图示箭头的方向推入。



- 请不要强行将卡插入。若您无法很轻松地将记忆卡插入插槽，可能是插卡的方向错误。强行插入记忆卡会对其造成损害。

拔出 SDHC 记忆卡

轻轻地按压记忆卡露在外面的一端，依图示的方式从插槽中弹出记忆卡。



- 过度用力按压 SDHC 记忆卡可能会导致卡不可控制地从插槽中弹出。
- 在拔出 SDHC 记忆卡时，禁用 SD 卡录制能(请参见 59 页中关于禁用 SD 卡录制的说明)。在 SDHC 记忆卡进行录制时拔出记忆卡会损坏数据。

记忆卡信息(不含)

什么是记忆卡?

记忆卡是一种外部数据储存设备,它的开发为使用数字设备进行录制和共享音频、视频和文本数据提供了崭新的方式。

选择一款适合您的记忆卡

您的摄像头支持 SDHC 记忆卡。

根据记忆卡的型号和制作材料不同,您可能会遇到兼容性的问题。

您的摄像头支持 SD 记忆卡。

但是,所支持的 SD 卡最大容量为 2GB,1.1 版,不支持 4GB 或以上的 SD 记忆卡。

对您的摄像头,我们建议您使用以下厂商制造的记忆卡:

SDHC/SD 记忆卡: Panasonic®、SanDisk® 以及 Toshiba®。

您的摄像头支持 128MB 至 16GB 容量的记忆卡。

回放性能可能受记忆卡速度的影响,因此,请使用高速记忆卡。

我们建议,最好使用最小读/写速度 10Mbps,且符合 6 类规格的记忆卡。

记忆卡的使用

SD 和 SDHC 记忆卡有一个能够禁止写入的开关。将开关拨到锁定位置能够保证记忆卡中的数据不会因意外删除,但同时,您也无法向其中写入数据。

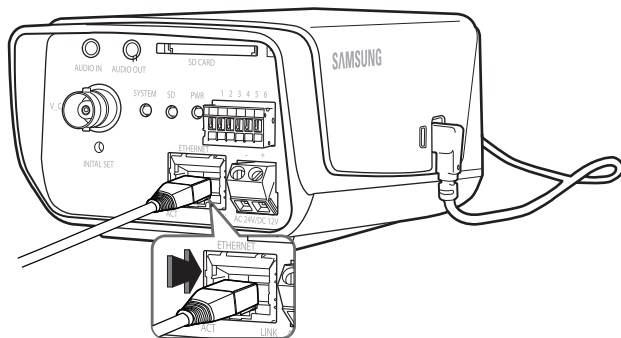
记忆卡组件



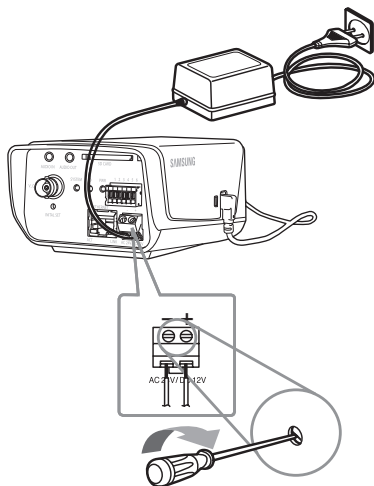
连接

连接以太网缆线

按图示将以太网缆线与网络端口连接。



连接电源

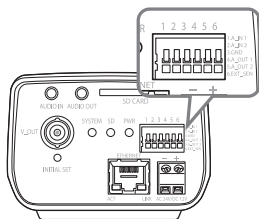


- 1 将电源适配器与摄像头的电源端口连接。
- 2 使用平头螺丝刀将从电源适配器出来的 2 条线与摄像头的电源端口连接。
- 3 将电源线连接到电源适配器上。
- 4 将电源插头插入插座。



- 注意, DC 12V 的电极会在连接时将带电。
- 若您使用的是支持 PoE (以太网供电) 的路由器, 您不必使用单独的电源。

若要输入和输出端口的连接：



将警报线与背面的输入和输出端口相连。

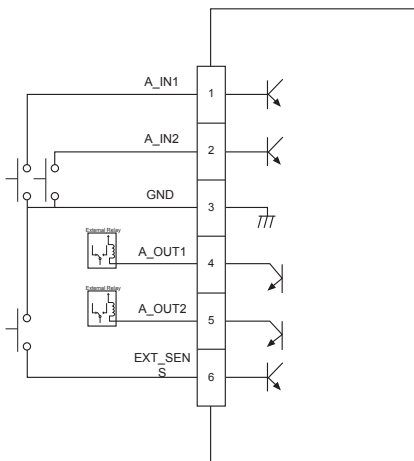
A_IN 1、A_IN 2 : 这些是警报输入端口。

GND : 这是 GND 端口。

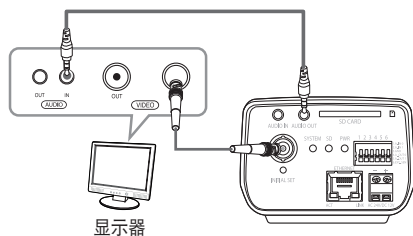
A_OUT 1、A_OUT 2 : 这些是警报输出端口。

EXT_SEN : 用于日/夜选项的外部控制。

警报输入/输出连接图

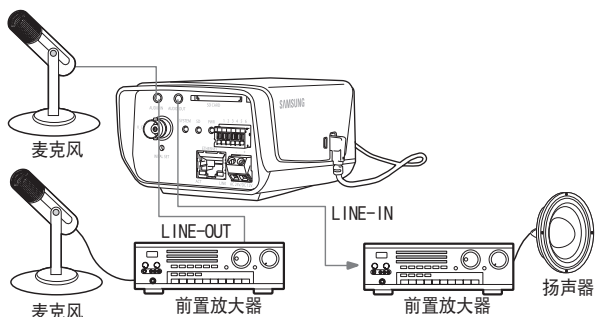


连接显示器输出



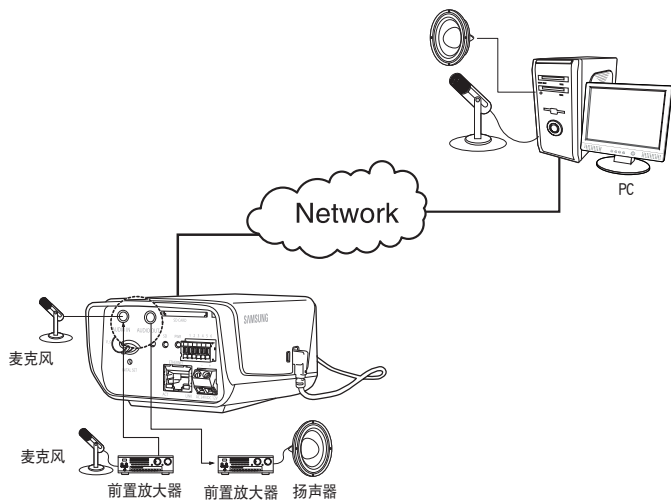
- 1 将摄像头的 VIDEO OUT 端口与显示器的 VIDEO IN 端口连接。
- 2 将摄像头的 AUDIO OUT 端口与显示器的 AUDIO IN 端口连接。

连接音频输入/输出



- 1 将摄像头的 AUDIO IN 端口直接与麦克风连接,或与和麦克风连接的放大器的 LINE OUT 端口相连。
麦克风直接连接: 将音频输入增益设置为高 (10)。
Line Out 连接: 将音频输入增益设置为低 (1)。
- 2 将摄像头的 AUDIO OUT 端口与扬声器的 LINE IN 连接。

音频 I/O 结构图



- 音频编解码器
G.711 PCM, μ -law 64kbps 8kHz 采样
- 全双工音频
- 音频输入
使用单声道信号线路输入(最大2.4 Vpp)
- 音频输入
使用单声道信号线路输出(最大2.4 Vpp)
- 线路输出阻抗
600欧

网络连接和设置

可根据您的网络配置来设置网络的设定。

网络连接和设置的步骤如下所述。

- 将摄像头与使用 xDSL/Cable 调制解调器的 IP 路由器连接 第 19~21
 - 将摄像头与本地局域网的 IP 路由器连接 第 22~23
 - 将摄像头与基于 DHCP 的 xDSL/Cable 调制解调器直接连接 第 24~25
 - 将摄像头与局域网直接连接 第 26
-



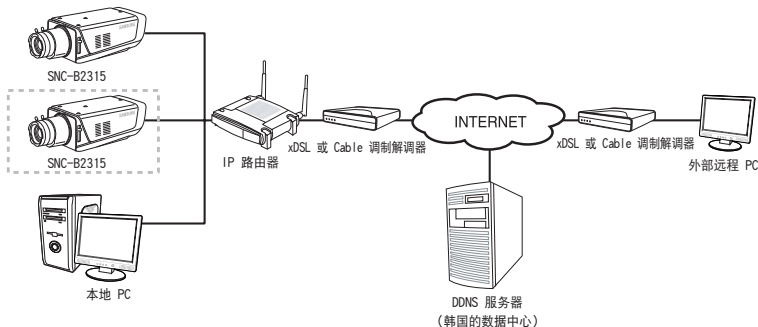
- 兼容的 IP 路由器列表如下所示。
 - Linksys
 - D-Link
 - Netgear
- 兼容的 PoE 交换机列表如下所示。
 - Linksys SRW224G4P
 - D-Link DES-1316
 - SMC SMCPWR-INJ3
- 使用非建议的 IP 路由器可能导致起网络连接错误。
- 根据 PC 的性能(所安装的查看器)或网络的不同,视频传输可能会有延迟,甚至会被断开。
对于软视频传输,可在设置菜单中的<网络> → <流设置>中设置带宽。



- 此手册中用到的 IP 和 MAC 地址仅供演示之用。
因此,您必须注意 PC 的网络设置,不要输入本手册中的地址。

将摄像头与使用 XDSL/CABLE 调制解调器的 IP 路由器连接

适用于小型网络环境,如家庭、SOHO 以及普通的商店。



[步骤 1] 配置连接到 IP 路由器

在配置连接到 IP 路由器的本地 PC 的网络设置时,遵循以下说明。

- 选择: <网上邻居> → <属性> → <本地连接> → <星星> → <常规> → <Internet 协议 (TCP/IP)> → <属性> → <自动获得 IP 地址> 或 <使用下面的 IP 地址>
- 若您选择的是<使用下面的 IP 地址>,遵照以下说明操作:
 - 例1) 若 IP 路由器的地址 (LAN IP) 为 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) 若 IP 路由器的地址 (LAN IP) 为 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) 若 IP 路由器的地址 (LAN IP) 为 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 IP 路由器的地址,请参见产品文档。

[步骤 2] 检查 IP 路由器是否正确地与 xDSL/Cable 调制解调器连接

在 IP 路由器的设置菜单中选择 <状态>

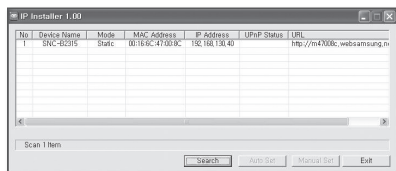
- 若正确连接,会显示 ISP 提供的 <IP 地址>、<子网掩码>和<网关>。请记住这些值,因为外部远程计算机的 IP 路由器需要这些值来连接摄像头。但请注意 ISP 对 <IP 地址>、<子网掩码>和<网关>的设置进行定期更改
- 若 IP 路由器未正确连接,按[连接]按钮以尝试连接,或检查 IP 路由器的设置是否正确。

[步骤 3] 设置 IP 地址

- 参考第 28 页的“静态 IP 设置”或第 32 页的“动态 IP 设置”。

[步骤 4] 将摄像头与本地路由器中的 PC 连接

- 1 运行本地 PC 的 IP 安装程序,并搜索摄像头。
- 2 若找到,双击摄像头启动网络浏览器并尝试 连接摄像头。或者,手动启动网络浏览器 输入在地址栏中的摄像头 IP 地址 ,并连接。
例) <http://192.168.1.2>



[步骤 5] 从远程 PC 连接摄像头

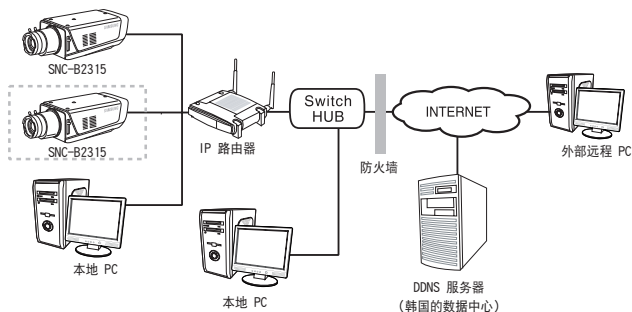
- 1 无法使用未与 IP 路由器连接的远程 PC 上的 IP 安装程序。
因为 IP 安装程序无法在互联网上运行。
- 2 使用摄像头的 DDNS URL 连接 IP 路由器内部的摄像头。
- 3 在从远程 PC 上连接至 IP 路由器内部的摄像头前必须设置 IP 路由器的转发。
要获得更多有关端口转发的信息,参见使用 IP 路由器: 端口转发(端口映射)的设置。
- 4 在设置完端口转发后,运行远程 PC 上的浏览器,在地址栏输入 IP 路由器的 DDNS URL 或 Internet IP地址,以连接摄像头。

例) <http://mfffe42.websamsung.net>

- 有关 DDNS URL 地址的更多信息,请参阅第 35 页上的“检查 DDNS 地址”。

将摄像头与局域网的 IP 路由器连接

用于如企业办公室、建筑、公共写字楼和工厂等大型网络环境。



[步骤 1] 配置连接到 IP 路由器

在配置连接到 IP 路由器的本地 PC 的网络设置时,遵循以下说明。

- 选择: <网上邻居> → <属性> → <本地连接> → <属性> → <常规> → <Internet 协议 (TCP/IP)> → <属性> → <自动获得 IP 地址> 或 <使用下面的 IP 地址>
- 若您选择的是<使用下面的 IP 地址>,遵照以下说明操作:
 - 例 1) 若 IP 路由器的地址 (LAN IP) 为 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) 若 IP 路由器的地址 (LAN IP) 为 192.168.0.1
IP 地址 : 192.168.0.1
子掩网码: 255.255.255.0
默认网关: 192.168.0.1
 - 例 3) 若 IP 路由器的地址 (LAN IP) 为 192.168.xxx.1
IP 地址 : 192.168.xxx.1
子掩网码: 255.255.255.0
默认网关: 192.168.xxx.1



- 关于 IP 路由器的地址,请参见产品文档。

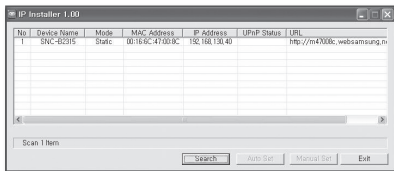
[步骤 2] 设置 IP 地址

- 请参见 28 页的“静态 IP 设置”或 32页的“动态 IP 设置”

[步骤 3] 将摄像头与本地路由器中的 PC 连接

- 1 运行本地 PC 的 IP 安装程序,并搜索摄像头。
- 2 若找到,双击摄像头启动网络浏览器并尝试 连接摄像头。或者,手动启动网络浏览器 输入在地址栏中的摄像头 IP 地址,并连接。

例)http://192.168.1.2



[步骤 4] 连接 IP 路由器外部的 PC

- 1 IP 路由器外部 PC 无法使用 IP 安装程序来搜索路由器内部的摄像头。因为 IP 安装程序无法在网关不同
- 2 对于这种情况,使用摄像头的 DDNS URL 或 IP 路由器的互联网 IP 地址来连接 IP 路由器内部的摄像头。
- 3 但是,必须在连接前为 IP 路由器设置端口转发,以从远程 PC 连接 IP 路由器内的摄像头。有关端口转发的更多信息,请参见使用 IP 路由器 端口转发(端口映射)的设置。
- 4 完成端口转发后,运行 IP 路由器外部的 PC,输入 DDNS URL 地址,或在地址栏输入 IP 路由器的互联网 IP 地址,以连接摄像头。

例)http://mffe42.websamsung.net

- 有关 DDNS URL 地址的更多信息,请参阅第 35 页上的“检查 DDNS 地址”。



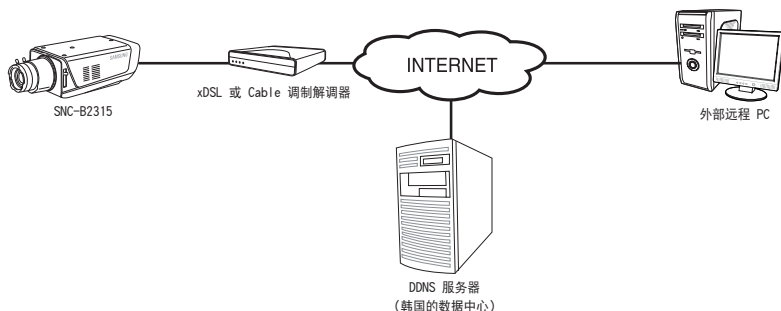
- 在正确设置防火墙或端口转发前,局域网外部的远程互联网 PC 可能无法连接安装于内部网的摄像头。在此情况下,联系网络管理员解决问题。

将摄像头与基于 DHCP 的 XDSL/CABLE 调制解调器直接连接

即可启用使用 DHCP 的调制解调器。

设置 IP 路由器

- 1 参考第 28 页的“静态 IP 设置”或第 32 页的“动态 IP 设置”来设置 IP 地址。
- 2 启动与 IP 路由器连接的本地 PC 上的浏览器。
- 3 在浏览器的地址栏中输入 IP 路由器的地址。
例) `http://192.168.1.1`, `http://192.168.0.1` 或 `http://192.168.xxx.1`
 - 关于 IP 路由器的地址,请参见产品文档。
- 4 当 IP 路由器连接后会出现登录窗口并提示输入密码。
 - 登录 IP 和密码请参见 IP 路由器的文档。
- 5 在完成后可看到 IP 路由器的设置窗口。在设置菜单 Internet 连接类型,选择“自动配置 DHCP”。
 - 有关或 Internet 连接类型 DHCP 选择,参见 IP 路由器的文档。
- 6 完成后,单击[保存]或[应用]按钮保存设置。



连接远程 PC 和摄像头

- 1 启动远程 PC 上的网络浏览器。
- 2 在地址栏输入 DDNS URL 地址以连接摄像头。

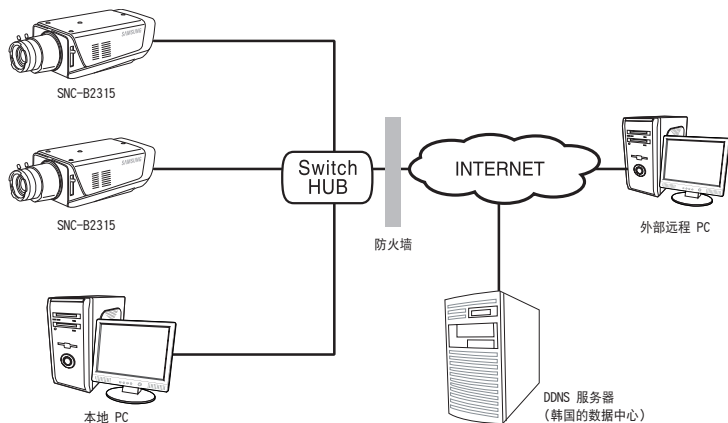
例) <http://mffe42.websamsung.net>

- 有关 DDNS URL 地址的更多信息,请参阅第 35 页上的“检查 DDNS 地址”。



- 若要检查是否使用 DHCP 的 xDSL / Cable 调制解调器,联系您的 ISP。

将摄像头与局域网直接连接



连接局域网内的本地 PC 和摄像头

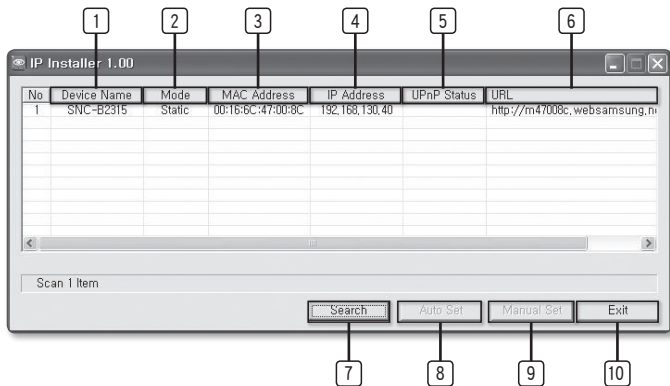
- 1 启动本地 PC 上的网络浏览器。
- 2 在浏览器的地址栏中输入 IP 地址。



- 在正确设置防火墙或端口转发前,局域网外部的远程互联网 PC 可能无法连接安装于内部网的摄像头。在此情况下,联系网络管理员解决问题。

搜索摄像头

IP 安装程序的屏幕布局



- ❶ 设备名称：所连接设备的型号。
- ❷ 模式：显示目前选择的是<静态>还是<动态>模式。
- ❸ Mac 地址：摄像头的网络界面的 Mac 地址印于面板背面。
- ❹ IP 地址：摄像头的 IP 地址。（默认设置为‘192.168.1.200’。）
- ❺ UPnP 状态：此摄像头不具备该功能。
- ❻ URL：该 DDNS 地址可用于连接外部互联网。但是，若 DDNS 更新失败，则显示为摄像头的 IP 地址。
- ❼ 搜索按钮：搜索连接至当前网络的摄像头。
- ❽ 自动设置按钮：自动设置摄像头的网络设置，使用 <IP 安装程序>。
- ❾ 手动设置按钮：允许用户手动设置摄像头的网络设置。
- ❿ 退出按钮：退出 IP 安装程序。



- 在 Windows Vista 下，需要管理员进行配置，以正常运行 IP 安装程序。

设置静态 IP

手动网络设置

运行 <IP Installer.exe> 程序,所找到的摄像头列表会在屏幕上显示。
在初次运行时,[自动设置]和[手动设置]均被禁用。

1 从摄像头列表中选择所需的摄像头。

- 通过面板背面确认摄像头的 MAC 地址。
- 由此激活[自动设置]和[手动设置]按钮。

2 单击[手动设置]按钮。

- 手动设置窗口出现。
- 窗口将显示摄像头的<IP 地址>、<子网掩码>、<网关>和<HTTP 端口>的默认值。
- 密码的出厂默认值为“4321”。

3 IP 有关的设置在<地址>字段内。

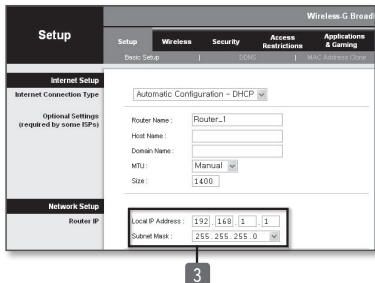
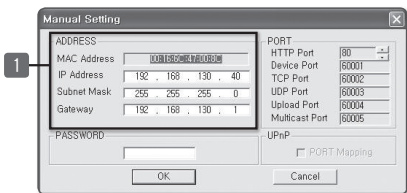
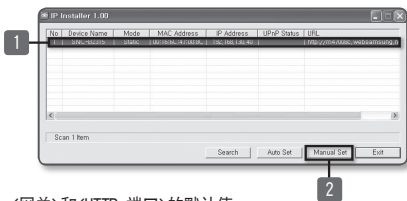
- <MAC 地址>: 印在摄像头面板背面的 MAC 地址会自动显示。无需其它设置。

<若使用 IP 路由器>

- <IP 地址>: IP 地址的设置需根据由 IP 路由器所提供的 IP 地址范围进行。
例) 192.168.1.2~254、192.168.0.2~254、
或 192.168.XXX.2~254
- <子网掩码>: IP 路由器的<子网掩码>即是摄像头的<子网掩码>值。
- <网关>: IP 路由器的<LAN IP 地址>即是<网关>值。

<若不使用 IP 路由器>

- 有关<IP 地址>、<网关>和<子网掩码>的设置,请联系网络管理员。

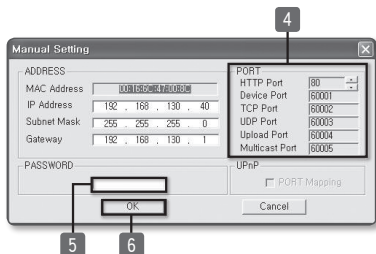




- 您无法更改设备、TCP、UDP、上传和多播的端口号,它们通常是由 HTTP 端口数量的增加/减少而自动更改。

4 在<端口>字段设置端口号。

- <HTTP 端口>: 用于连接使用浏览器的摄像头的 HTTP 端口。默认值为 80。可使用右侧的上/下按钮来调节 HPPT 端口值。HTTP 端口号的起始值为 80,可增加/减少到 10000、10006、10012...
- <设备端口>: 用于控制视频传输的端口。其默认值是 60001(TCP)。
- <TCP 端口>: 用于以 TCP 协议传输视频的端口。默认值为 60002(TCP)。
- <UDP 端口>: 用于以 UDP 协议传输视频的端口。默认值为 60003(UDP)。
- <上传端口>: 用来更新软件的端口。默认值为 60004(TCP)。
- <多播端口>: 显示使用 UDP 多播为视频传输设置的 UDP 端口。默认值为 60005(UDP)。



5 输入密码。

- 默认密码为“4321”。
- 此密码是根级别用户的摄像头登录密码。

6 单击[确定]按钮。

- 至此,手动网络设置完成。

7 摄像头设置为手动输入 IP 并重启。

若 IP 路由器

分别设置摄像头的 IP 和端口。

项目		第 1 摄像头	第 2 摄像头
IP 相关项目	IP 地址	192.168.1.200	192.168.1.201
	子掩网码	255.255.255.0	255.255.255.0
	网关	192.168.1.1	192.168.1.1
端口相关项目	HTTP 端口	80	10000
	设备端口	60001	10001
	TCP 端口	60002	10002
	UDP 端口	60003	10003
	上传端口	60004	10004
	多播端口	60005	10005



- 若<HTTP 端口>未设置为 80,用户必须在连接摄像头的浏览器的地址输入框中为其指定端口号和 IP 地址。

示例) http://IP 地址: HTTP 端口

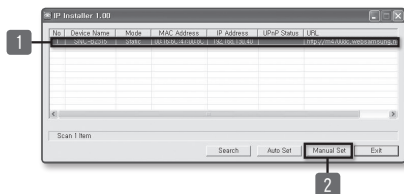
例) http://192.168.1.201: 10000

自动网络设置

运行 <IP Installer.exe> 程序,所找到的摄像头列表会在屏幕上显示。
在初次运行时,[自动设置]和[手动设置]均被禁用。

1 从摄像头列表中选择所需的摄像头。

- 通过面板背面确认摄像头的 MAC 地址。
- 由此激活[自动设置]和[手动设置]按钮。



2 单击[自动设置]按钮。

- 自动设置窗口出现。
- 将显示自动找到的<IP 地址>、<子网掩码>和<网关>值。

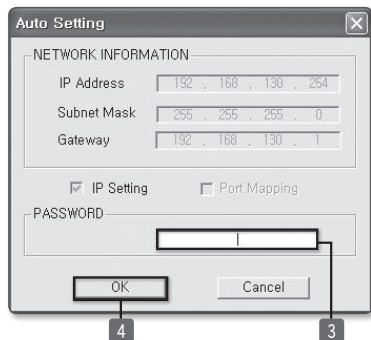
3 输入密码。

- 该密码即是根级别用户的摄像头登录密码。
- 默认密码为“4321”。

4 单击[确定]按钮。

- 至此,自动网络设置完成。

5 摄像头在网络设置完成后会自动重启。



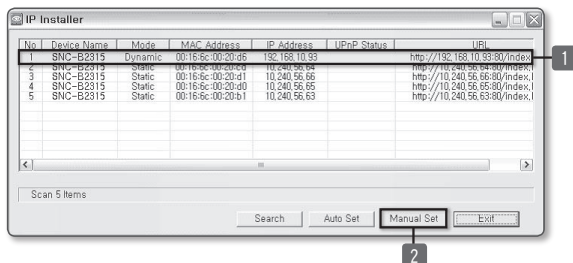
设置动态 IP

动态 IP 设置

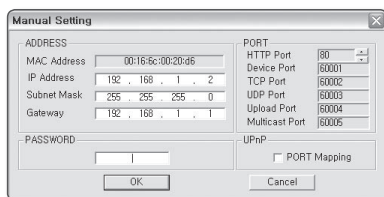
使用动态 IP 的示例

- 若摄像头安装在 IP 路由器上,且获得使用 DHCP 的 IP
- 若摄像头直接与使用 DHCP 的 xDSL/Cable 调制解调器连接
- 若 IP 由局域网内部的 DHCP 服务器分配

动态 IP 检查



- 1 当在本地 PC 运行 IP 安装程序时,分配有动态 IP 的摄像头将会被列出。
- 2 选择列表中的摄像头,单击[手动设置]按钮来检查摄像的当前动态 IP。



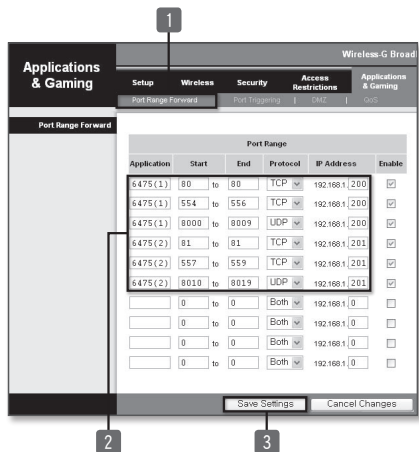
- 在这类情况下,地址字段会自动填写,您无法进行更改。但是仍可进行端口设置的更改。

端口转发(端口映射)设置

将摄像头安装至 IP 路由器后,需要为 IP 路由器设置端口转发,以便 IP 路由器外部的 PC 能够连接到 IP 路由器内的摄像头。

手动端口转发

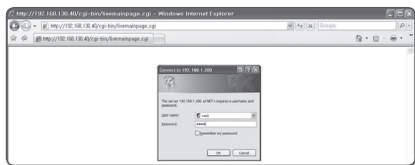
- 1 单击<应用与规则> → <端口范围转发>,此选项位于 IP Router 的设置菜单。
 - 有关端口转发 菜单的位置和设置,请参考 IP 路由器文档。
- 2 为每个连接到 <TCP> 路由器的摄像头选择 <IP UDP> 端口。
 - 每个 IP 路由器的 端口号 IP Router 均需符合 显示于摄像头设置屏幕中的 <基本> → <IP>中的数值。
- 3 完成设置后,单击[保存设置]按钮。
 - 所做的改动即被保存。



使用摄像头

连接摄像头

连接摄像头



常规

- 运行网络浏览器。
- 在地址输入框中输入摄像头的 IP 地址。
例) IP 地址 192.168.1.200 → http://192.168.1.200
- 将显示登录窗口。

若 HTTP 端口号未设置为 80

- 运行网络浏览器。
- 在地址输入框中为摄像头指定的 HTTP 端口号和 IP 地址。
例) IP 地址 192.168.1.200:端口号 (10000) → http://192.168.1.200:10000
- 将显示登录窗口。

使用 URL 连接

- 运行网络浏览器。
- 在地址输入框输入摄像头的 DDNS URL 地址。
例) URL 地址 http://mfffe42.websamsung.net
- 将显示登录窗口。

使用 URL 连接(若 HTTP 端口号不是 80)

- 运行网络浏览器。
- 在地址输入框中为摄像头指定的 DDNS URL 和 HTTP 端口号。
例) URL 地址 http://mfffe42.websamsung.net:端口号(10000) →
http://mfffe42.websamsung.net:10000
- 将显示登录窗口。

检查 DDNS 地址

- DDNS 由<小写字母字符 c、m 和 p 之一> 和 <MAC 地址最后 6 位数字>和 <websamsung.net>组成。
- 小写字母在前 6 位 MAC 地址为<00:00:f0>时表示为<c>,在<00:16:6c>时为<m>,在<00:68:36>时为<p>。

- 例) - 若摄像头的 MAC 为 00 : 00 : f0 : ff : fe : 42 :
- c + fffe42 + websamsung.net = cfffe42.websamsung.net
- 若摄像头的 MAC 地址为 00 : 16 : 6c : ff : fe : 42 :
- m + fffe42 + websamsung.net = mfffe42.websamsung.net
- 若摄像头的 MAC 地址为 00 : 68 : 36 : ff : fe : 42 :
- p + fffe42 + websamsung.net = pfffe42.websamsung.net

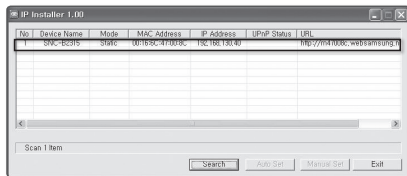


- 此手册中用到的 IP 和 MAC 地址仅供演示之用。因此,在设置摄像头,输入地址时,不应输入手册中所演示的地址。

使用 IP 安装程序连接摄像头

双击搜索结果屏幕上 的所需摄像头。

- 将显示登录窗口。
- 若出现 ActiveX 窗口,按照下页中的说明进行安装。

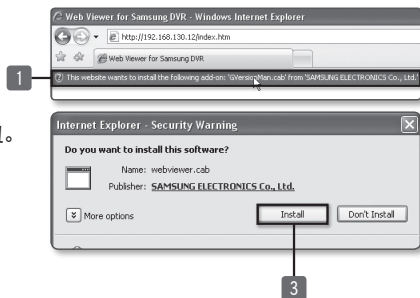


安装 ACTIVEX

若将摄像头与互联网连接并进行了网络设置的配置,您可实时监视所连接摄像头的图像。

Windows XP SP 2 专用

- 1 若出现以下屏幕,单击安装按钮。
- 2 单击<安装 ActiveX 控件>。
- 3 若出现安全警告窗口,单击[安装]按钮。



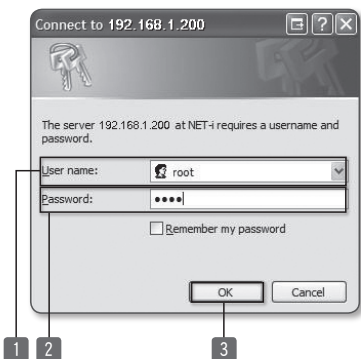
- 为成功安装,在下面的选项中禁用弹出窗口阻止程序。

Internet Explorer → 工具 → 弹出窗口阻止程序 → 始终允许在访问此网站时弹出

登录至摄像头

对于首次登录,用户名为“root”,密码为“4321”。

- 1 在 <User name> 输入框中键入“root”。
- 2 在 <Password> 输入框中键入“4321”。
 - 若已更改旧密码,则输入新的密码。
- 3 单击 [登录] 按钮。
 - 摄像头在登录完成后,会出现查看器屏幕。



- 为保证安全,在修改密码时单击设置屏幕的 <基本> → <用户>。
管理员 ID 和“root”为固定,且不可更改。
- 如果选择 <Remember my password>,用户名和密码将被保存并在登录窗口中自动输入。



- 需在 Windows 系统的 PC 上安装 DirectX 8.1 或更高版本。
- 您可在 <http://www.microsoft.com/download> 免费下载 DirectX
- 若使用 Internet Explorer 7,浏览器屏幕最佳的页面缩放比率为 100%。
更改页面缩放大小将导致无法显示页面的部分。

使用查看器屏幕

连接至摄像头后会出现下列查看器屏幕。

主屏幕布局



名称	功能及描述
1 搜索	移动至搜索屏幕。
2 设置	移动到设置屏幕。
3 简介	显示信息、版本、制造商等等。
4 查看	设置视频格式及去隔行扫描。

名称	功能及描述
5 备份	- 捕捉：捕捉屏幕上的录像并保存为 .jpeg 或 .bmp 的图像文件。 - 打印：打印屏幕上的录像。 - 录制：将录制的视频保存为 .avi 视频文件。
6 IO	设置报警复位。(警报或动作图标将消失。)
7 音频	选择“音频”的“收听”或“讲话”复选框。
8 观看屏幕	显示当前视频的直播画面。 ：以全屏显示直播屏幕。

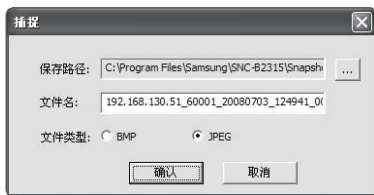
若要捕捉视频

1 在需要捕捉的场景,单击[捕捉]按钮。

- 会出现捕捉确认窗口。

2 单击[确定]

- 捕捉的屏幕图像储存于指定的文件夹路径。



- 各版本 Windows 的默认保存路径。
Windows XP : C:\Program Files\Samsung\SNC-B2315\SnapShot\Live
Windows Vista : C:\users\[user ID]\AppData\LocalLow\Samsung\SNC-B2315\SnapShot\Live
若要更改保存路径,单击[保存路径]按钮 (...) 并选择所需的路径。
- 文件会按以下格式自动命名: <IP 地址_端口号_年月日_摄像头编号_索引>
例) 192.168.130.40_60001_20080601_203523_00



- 使用 Windows Vista 不可更改保存路径。

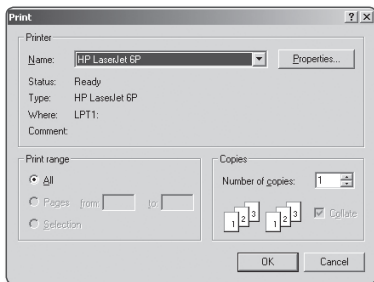
若要打印视频

1 在需要打印的场景,单击[打印]按钮。

- 会出现打印设置窗口。

2 单击[确定]

即打印所捕捉的屏幕图像。



若要录制视频

- 1 找到需要录制的场景,单击[保存]按钮。
- 2 设置 AVI 保存选项。
 - 2-1 目标文件夹：
可在此更改文件的保存路径。
 - 2-2 文件名称：
可在此更改文件的名称。
 - 2-3 磁盘空间不足设置：
在硬盘上的可用空间 低于设置值时 自动停止录制。
- 3 单击[确定]。
 - 在查看器屏幕<REC>指示灯会在录制开始时亮起。
 - 捕捉的屏幕图像储存于 指定的保存路径。
- 4 若要停止录制,
再次单击[保存]按钮。



- 各版本 Windows 的默认保存路径。
Windows XP : C:\Program Files\Samsung\SNC-B2315\VidedClip\Live
Windows Vista : C:\users\[user ID]\AppData\LocalLow\Samsung\SNC-B2315\SnapShot\Live
若要更改保存路径,单击[保存路径]按钮 (...) 并选择所需的路径。
- 文件会按以下格式自动命名 : <IP 地址_端口号_年月日_摄像头编号_索引>
例) 192.168.130.40_60001_20080601_203523_00
- 如果您计算机上的视频编解码器安装错误,视频将无法正确播放。

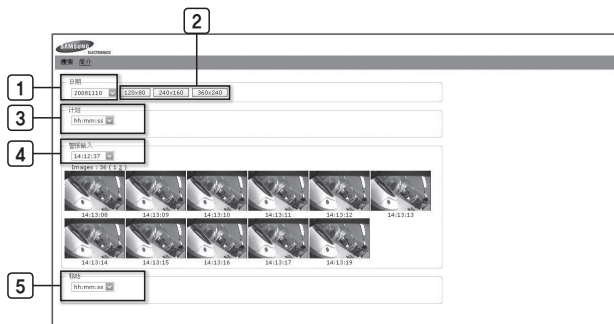


- 使用 Windows Vista 不可更改保存路径。

使用搜索查看器屏幕

连接至摄像头后会出现下列搜索查看器屏幕。

主屏幕布局



名称	功能与描述
1 日期	您可以选择所需的日期来搜索发生的事件。
2 图像尺寸	缩略图图像根据所选的大小显示。
3 计划	您可以选择所需的时间来搜索计划事件。
4 报警输入	您可以选择所需的时间来搜索报警事件。
5 移动	您可以选择所需的时间来运动检测事件。

设置

设置摄像头

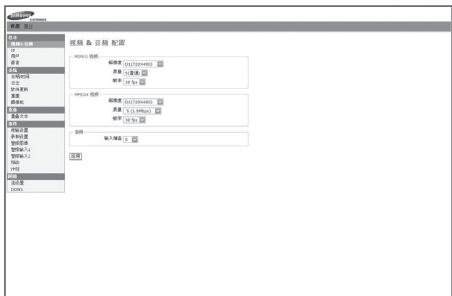
您可以设置各种功能,例如基本设置、系统、布局等等。

若要设置相机

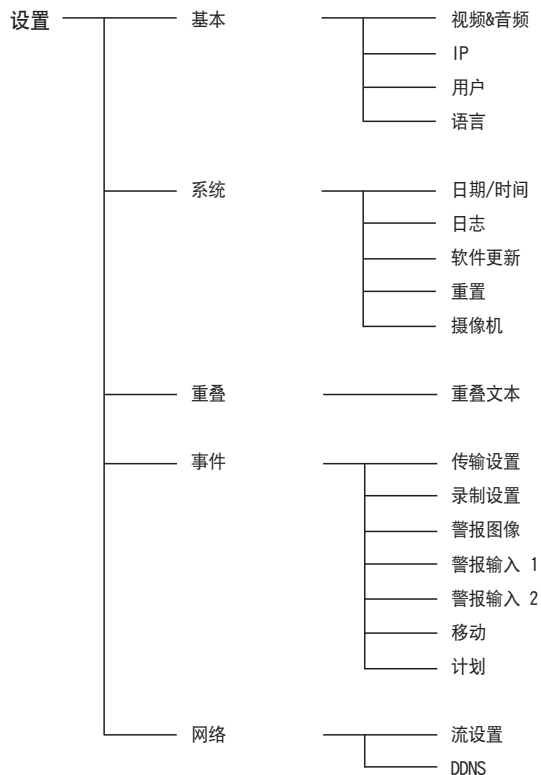
在查看器屏幕上,单击[设置]选项卡。



将显示设置窗口。



设置屏幕布局



基本配置

设置视频/音频

您可以设置视频分辨率、质量、每秒显示帧数以及输入增益。

1 单击<基本> → <视频&音频>。

- 视频和音频窗口出现。

2 若要完成视频设置,单击[应用]按钮。

- 设置已保存。



- 如果音频输入增益为零,将无法听到音频数据。



- <解像度>：在 <D1>、<VGA> 和 <CIF> 中选择视频尺寸。
NTSC：D1(720x480)、VGA(640x480)、CIF(352x240)
PAL：D1(720x576)、VGA(640x480)、CIF(352x288)
- <质量>：在 0 和 10 之间选择视频质量。
- <帧率>：选择一个帧率。
NTSC：30fps、15fps、8fps、3fps、1fps
PAL：25fps、13fps、5fps、3fps、1fps
- <输入增益>：在 0 和 10 之间选择音频放大级别。

若要设置 IP 设置

1 单击<基本> → <IP>。

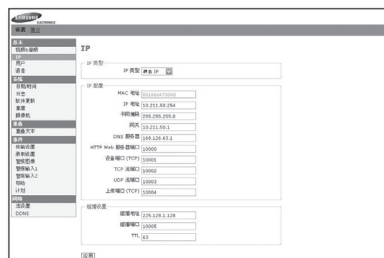
- IP 设置窗口出现。

2 若要完成设置,单击[应用]按钮。

- 设置保存且系统 重启。
- 当前打开的网络浏览器关闭。



- 若多个摄像头连接至同一 IP 路由器,为各摄像头设置不同的 IP 和端口。



- <IP 类型>: 显示当前摄像头 IP 设置类型。

- 在<静态 IP>、<动态 IP> 或 <PPPoE IP>中选择 IP 的设置类型。

- <IP 配置>: 允许设置与摄像头和端口相关的设置。

- <MAC 地址>: 显示以太网 MAC 地址。此值用来创建 DDNS 地址,所以请务必确认此值。

- <IP 地址>: 显示当前配置的 IP 地址。如果<IP 类型>设置为<静态 IP>,您可以更改 IP 地址。

- <子网掩码>: 显示<已配置的 IP 地址的>子网掩码。

- <网关>: 显示<已配置的 IP 地址的>网关地址。

- <DNS 服务器>: 显示 DNS(域名服务)服务器的 IP 地址。

- <HTTP Web 服务器端口>: 使用网络浏览器显示用来连接到摄像头的 HTTP 端口。默认端口数为 80(TCP)。

- <设备端口 (TCP)>: 端口用来控制视频传输。默认值为 60001(TCP)。

- <TCP 流端口>: 端口使用 TCP 协议来传输视频。

默认值为 60002(TCP)。

- <UDP 流端口>: 端口使用 UDP 多播协议来传输视频。

默认值为 60003(UDP)。

- <上传端口 (TCP)>: 端口用来更新软件。默认值为 60004(TCP)。

- <组播设置>: 若要使用 UDP 多播传输视频时,您可以设置 IP 地址、端口和 TTL。

- <组播地址>: 显示使用 UDP 多播为视频传输设置的 IP 地址。

默认值为 225.128.1.128。推荐将默认值设置在 224.0.0.0 和 239.255.255.255 之间。

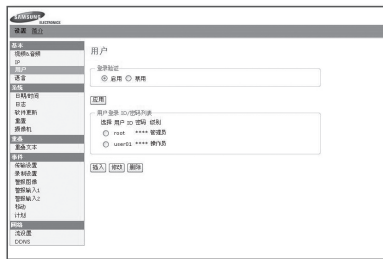
- <组播端口>: 显示使用 UDP 多播为视频传输设置的 UDP 端口。

默认值为 60005(UDP)。

- <TTL>: TTL 表示有效期限,可让您设置路由器的数目以使数据包能够通过。当数据包通过时,每个路由器逐个减少 TTL 值。当 TTL 值达到 0 时,数据包不能通过路由器。默认值为 63。推荐将其设置在 0 和 255 之间。

若要设置用户

- 1 单击<基本> → <用户>。
 - 用户窗口出现。
- 2 若要完成设置,单击[应用]按钮。
 - 设置保存且系统 重启。
 - 当前打开的网络浏览器关闭。



- <登录验证>：您可以决定是否需要用户登录验证。
 - 如果设置为<启用>,用户可通过登录验证连接到系统上,而如果设置为<禁用>,用户无需通过登录验证就可连接到系统上。然而,没有登录而连接到系统上的用户要有用户权限。
 - 设置完成后,单击[应用]按钮。
- <用户登录 ID/密码列表>：显示列表中的用户 ID、密码和级别(权限)。
 - 您可以注册多达 10 个用户。
 - 默认管理员 ID 根级别。
 - <管理员>无法被添加或删除,您只能修改密码。

若要注册用户

- 1 在用户窗口中单击[插入]按钮。
 - <插入用户>窗口出现。
- 2 输入用户 ID 和密码。
 - ID 和密码最多 可有 9 个字母数字或某些特殊字符。
- 3 选择用户权限。
 - 从级别字段中的 <操作员>和<用户> 为新用户选择一个用户权限。
- 4 单击[应用]按钮。
 - 用户注册完成。



- 您无法注册重复的用户 ID。
- 您无法注册根级别或来宾用户 ID。

添加用户

用户 ID user01

密码

确认密码

级别 操作员

应用 取消

2 3 4

若要更改注册用户帐户

- 1 选择用户帐户的<选择>复选框，该用户帐户将在 按钮。
- 2 单击用户窗口中的[修改]按钮。
 - <修改用户>窗口出现。
- 3 在窗口中更改用户帐户的<用户 ID>、<密码>、<确认密码>或<级别>。
- 4 单击[应用]按钮。
 - 更改注册用户完成。



若要删除注册用户帐户

- 1 选择用户帐户的<选择>复选框，该用户帐户将在用户窗口中被删除。
- 2 单击用户窗口中的[删除]按钮。
 - 删除注册用户完成。



• 关于用户级别

- <管理员>：管理员可使用所有功能并能更改设置或搜索。
- <操作员>：除设置和回放功能之外。
- <用户>：用户只能监视视频。

若要设置显示语言

1 单击<基本> → <语言>。

- 语言窗口出现,在此您可选择首选语言。
- 您可以从以下 7 种语言中选择一种语言 (英语/韩语/汉语/法语/意大利语/西班牙语/德语)。

2 若要完成设置,单击[应用]按钮。

- 语言将被改为 您所选择的语言。



系统配置

若要设置日期/时间

您可以从 NTP 服务器或 PC 中获取当前系统时间,然后设置系统时间。

1 日期/时间单击<系统> → <日期/时间>。

- 日期/时间窗口出现。

2 若要完成设置,单击[应用]按钮。

- 设置已保存。



- 日期可配置在 2000 年 1 月 1 日至 2037 年 12 月 31 日之间。

- <当前系统时间>：显示根据系统时间设置设置的时间。
- <系统时间设置>：您可以设置时间与 NTP 服务器(时间服务器)或 PC 同步,也可进行手动设置。

若要设置系统时间

- 1 从 **<地址>** 列表中选择一个 NTP 服务器地址,或单击**<与 PC 查看器同步>**。
- 2 若选择**<手动>**,则直接设置日期和时间。
- 3 单击**[应用]**按钮。
 - 设置时间将被应用。



- NTP 服务器 IP 由官方机构提供,因此它们的列表可能有所改动。
- 在局域网中,单独的 NTP 服务器必须手动定义。

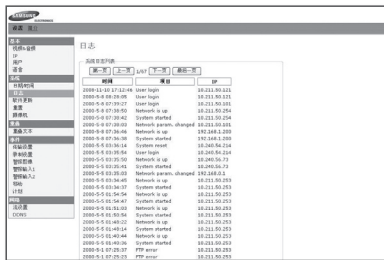


- 当前时间随计算机区域(GMT 和 DST)和国家(PC 时间配置)设置而改变。

若要查看日志信息

单击<系统> → <日志>。

- 日志窗口出现并显示日志 信息。



- **系统日志列表**：显示有关系统更改以及时间和 IP 地址的日志信息。
- **用户登录**：显示当前摄像头登录用户。
- **视频配置更改**：显示视频设置更改。
- **系统时间更改**：显示时间更改。
- **系统启动**：显示摄像头开启时的时间。



- 最多可记录 2000 条日志。
- 若日志数超过 2000, 则日志列表底端的日志将被删除以添加新的日志信息。

若要更新软件

单击<系统> → <软件更新>。

- 软件更新窗口出现。



若要更新软件

1 在用户窗口中单击[浏览]按钮。

- 打开文件窗口出现。

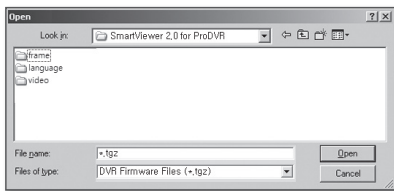
2 选择一个更新文件并单击[打开]按钮。

3 在用户窗口中单击[安装]按钮。

- 文件被解压,软件更新开始。
- 软件更新可能需要十分钟。
- 若要取消更新,单击[取消]按钮。

4 软件更新完成后,系统将自动重启。

- 因为当前连接被中断,您需要重新连接到系统上。



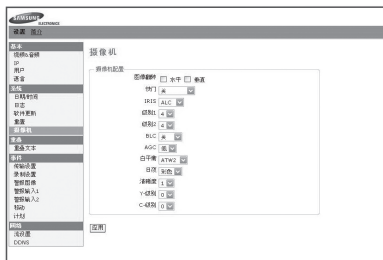
- 在软件更新过程中,如果网络中断、电源出现故障或者是 PC 无法正常工作,稍后整个系统也有可能无法工作,因此更新软件时,注意千万不要引起任何故障。

若要设置摄像头

1 单击<系统>→<摄像头>。

- 您可以从<图像翻转>、
<快门>、<IRIS>、<BLC>、<AGC>、
<白平衡>、<昼夜>、
<清晰度>、<Y 水平> 和 <C 水平>。

2 若要完成设置,单击[应用]按钮。



- <图像翻转>：在水平或垂直方向上翻转图像。
- <快门>：在跟踪快速移动的物体时,可根据情况调节电子快门。
(可选速度: Off、1/100、1/250、1/500、1/1000、1/2000、1/4000、1/10K、Auto X2、Auto X4、Auto X6、Auto X8、Auto X12、Auto X16、Auto X24、Auto X32、Auto X48、Auto X64、Auto X96、Auto X128、和 Auto X256)
- <IRIS>：根据入光量自动控制变光。
在 1 级时设置亮度; 2 级时设置快门速度。
WDR 1 级: 0、1、2、3、4、5、6、7、8 2 级: 0, 1, 2, 3, 4, 5, 6, 7, 8
ALC 1 级: 0, 1, 2, 3, 4, 5, 6, 7, 8
ELC 1 级: 0, 1, 2, 3, 4, 5, 6, 7, 8
- <BLC>：允许在物体处于强背光下进行修正。
(可选设置: 关、底部、顶端、左、右以及中央)
- <AGC>：在数据低于特定亮度级的情况下自动控制增益(照明不佳的情况)。在快门设置为自动时,此选项被关闭。(可选设置: 关、低、高)
- <白平衡>：在任何色温下保证白平衡的校正功能。
ATW1: 可更改的色温范围约为 2,500K 9,300K。
ATW2: 可更改的色温范围约为 2,000K 10,000K。
AWC: 根据当前环境适当调整色温。
3,200K: 色温设置为 3,200K。
5,600K: 色温设置为 5,600K。
- <日夜>：可设置摄像头在白天以彩色录制,夜晚以黑白录制。(可选设置: 彩色、黑白、自动以外部)
可选择开关摄像头的红外滤光功能。
- <清晰度>：允许垂直和水平锐度控制。(可选设置: 0、1、2、3)
- <Y-级别>：用于配置同步信号和总亮度信号等级。(可选设置: 0、1、2、3、4、5、6、7 和 8)
- <C-级别>：用于配置突发信号和总色信号等级。(可选设置: 0、1、2、3、4、5、6、7 和 8)

布局配置

您可在屏幕上显示文本。

若要设置文本

- 1 单击<重叠> → <重叠文本>。
 - 重叠文本窗口出现。
- 2 若要完成设置,单击[应用]按钮。
 - 设置已保存。



-
- <重叠文本设置>: <禁用>选项将重叠文本隐藏,而<启用>将此文本显示在屏幕上。
 - <显示日期>: 请决定是否在屏幕底部显示日期。
 - 选择一种日期显示格式。
YYYY-MM-DD: 年-月-日/ MM-DD-YYYY: 月-日-年/ DD-MM-YYYY: 日-月-年
 - <显示时间>: 请决定是否在屏幕底部显示时间。
 - 选择一种日期时间格式。
24 小时: 24 小时的时间符号/ 12 小时: 12 小时的时间符号用 AM/PM 表示。
 - <文本颜色>: 决定文本颜色。您可以选择<白色>或<黑色>。
 - <背景颜色>: 决定文本的背景颜色。您可从<白色>、<黑色>和<透明>中选择一种。
-

事件配置

若要设置图像传输功能

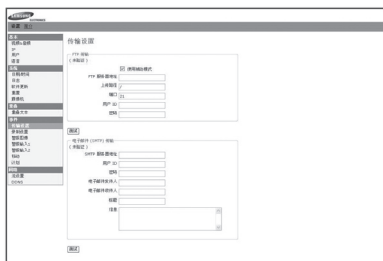
您可以设置一个 FTP/电子邮件 (SMTP) 服务器, 当有警报发出时, 可用此服务器来发送保存在摄像头中的警报前/后图像。

单击<事件> → <传输设置>。

- 传输设置窗口出现。



- 若使用收费 SMTP 服务, 联系 SMTP 服务提供商上以获得详细设置。

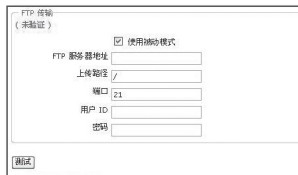


- <FTP 传输>: 可将警报图像传输至 FTP 服务器。初始 FTP 服务器设置和连接未经验证时, <未验证>消息将出现。
 - <使用被动模式>: 因防火墙或 FTP 服务器设置问题而必须采用被动模式连接时, 选择此选项。
 - <FTP 服务器地址>: 输入警报图像将送达的 FTP 服务器的 IP 地址。
 - <上传路径>: 您可以设置 FTP 帐户的路径来传输警报图像。您可以通过在此字段中输入</目录名称>或<目录名称>来设置路径。如果没有指明路径, 警报文件将发送到 FTP 帐户的根目录。
 - <端口>: 尽管默认的 FTP 服务器端口为 21, 您可以根据 FTP 服务器设置来改变端口号。
 - <用户 ID>: 输入用户帐户 ID 以连接登录至 FTP 服务器。
 - <密码>: 输入用户帐户密码以登录至 FTP 服务器。

测试 FTP 传输

单击[测试]按钮。

- 连接到配置的 FTP 服务器上 并自动执行图像传输测试 功能。
- FTP 服务器连接和 传输测试完成后, 将会显示<已验证>消息。
- 如果测试失败, 将会显示错误消息。若出现此种情况, 请再次检查 FTP 服务器数据 和已配置的设置。

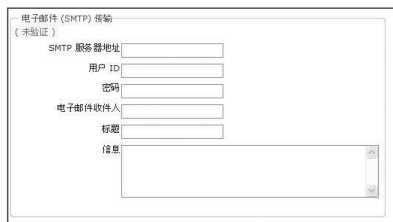


-
- <电子邮件 (SMTP) 传输>：可通过电子邮件传输警报图像。此功能仅支持 SMTP 电子邮件服务器。
初始 SMTP 服务器设置和连接未经验证时,<未验证>消息将出现。
 - <SMTP 服务器地址>：输入用来发送电子邮件的 SMTP 服务器的 IP 地址。
(例)smtp.hotmail.com
 - <用户 ID>：输入连接至 SMTP 服务器的用户帐户 ID。
 - <密码>：输入 SMTP 服务器的用户帐户密码。
 - <电子邮件收件人>：输入电子邮件收件人的地址。
 - <标题>：输入电子邮件的标题。
 - <信息>：输入电子邮件的内容。将警报图像附加在电子邮件上作为附件。
-

若要测试电子邮件传输

单击[测试]按钮。

- 连接到配置的 SMTP 服务器上并自动执行图像传输测试功能。
- SMTP 服务器连接和传输测试完成后,将会显示<已验证>消息。
- 如果测试失败,将会显示错误消息。在这种情况下,请再次检查 SMTP 服务器数据和已配置的设置。



电子邮件 (SMTP) 传输
(未验证)

SMTP 服务器地址:

用户 ID:

密码:

电子邮件收件人:

标题:

信息:

若要设置录制

1 单击<事件> → <录制设置>。

- 录制设置窗口出现。

2 若要完成设置,单击[应用]按钮。

- 设置已保存。



录制设置

录制器设置: 0 MB (0 %)

0 0 MB

限制 [无] 限制 [限制]

选项

☐ 通过电子邮件发出容量警告 ☒ 警告模式

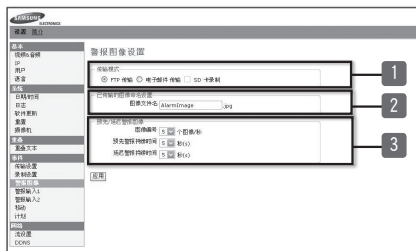
[应用]

-
- <SD 卡>：能够让您验证保存在 SDHC 记忆卡中的数据并格式化记忆卡。可设置自动删除在某个时间段之前已录制的电影剪辑(例如 1 个星期、1 个月或 1 年)。
 - <选项>：决定是否希望接收容量不足警告的电子邮件通知。
-

若要设置警报图像

您可设置当发生警报或在预约传输过程中,通过 FTP/电子邮件 (SMTP) 发送图像或将图像保存在 SDHC 记忆卡。

- 1 单击<事件> → <警报图像>。
 - 警报图像设置窗口出现。
- 2 若要完成设置,单击[应用]按钮。
 - 设置已保存。



1.<传输模式>: 您可以从<FTP>、<电子邮件>和<SD 卡录制>中选择一种方式来发送警报图像。

- <FTP 传输>: 图像发送到指定的 FTP 地址。
- <电子邮件传输>: 图像发送到指定的电子邮件地址。
- SD 卡录制
 - ▶ 插入一张 SDHC 记忆卡。
 - ▶ 配置 SDHC 记忆卡(请参见 58 页的详细说明)。
 - ▶ 检查 SD 卡录制选项,然后单击[应用]按钮。SD 指示灯开启,录制开始。
 - ▶ 若要 SD 卡录制删除 SDHC 记忆卡,首先应不选定 SD 卡录制选项,然后单击[应用]按钮。

 在 SDHC 记忆卡进行录制时拔出记忆卡会损坏数据。

2.<已传输图像命名设置>: 您可以设置当发生警报或在预约传输过程中,将要发送的警报图像的文件名。

3.<预先/延迟警报图像>: 您能决定将发送哪一张警报前/后图像。

- <图像编号>: 决定每秒发送的图像数目。可选择每秒 1、2、3 和 5 张图像。
- <预先警报持续时间>: 决定警报前图像发送的时间。有 <5 秒>、<10 秒>、<15 秒> 和 <30 秒> 供选择。
警报发出后,您最多可用 30 秒钟时间发送一张警报前图像。(最大时间值由每秒发送的图像数目决定。)
- <延迟警报持续时间>: 决定警报后图像发送的时间。有 <5 秒>、<10 秒>、<15 秒> 和 <30 秒> 供选择。
警报发出后,您最多可用 30 秒钟时间发送一张警报后图像。(最大时间值由每秒发送的图像数目决定。)

若要设置警报输入

- 1 单击<事件> → <警报输入 1> 或 <警报输入 2>。
 - 警报输入窗口出现。
- 2 若要完成设置,单击[应用]按钮。
 - 设置已保存。



- <输入设备设置>: 从<关>、<NO>和<NC>中选择一种输入类型。
 - <NO>(常开): 这是常开,但如果关闭,将生成警报。
 - <NC>(常闭): 这是常关,但如果打开,将生成警报。
- <激活时间>: 可设置接受警报的时间来执行操作。
 - <始终>: 生成警报时,总是执行<动作>设置。
 - <仅预约时间>: 仅在星期内的指定日期、指定时间段发生时,才执行警报的<操作>设置。起始时间必须在结束时间之前,而且必须与结束时间不同。
- <动作>: 可设置当有警报生成时执行某操作。
 - <警报输出>: 决定警报信号将要发送到的警报输出口。
 - <输出持续时间>: 决定当有警报生成时,警报信号输送到指定警报输出口的时间。在警报输出中若生成另一警报事件,延迟时间将在最近生成的警报的基础上重新计算。
 - <警报图像传输>: 若选择<开>,JPG 图像将通过 FTP 或电子邮件(SMTP)传送,或保存在 SDHC 记忆卡上,这根据<事件>→<传输设置>设置而定。

若要设置运动检测功能

- 1 单击<事件> → <移动>。
 - 运动检测窗口出现。
- 2 若要完成设置,单击[应用]按钮。
 - 设置已保存。



- <移动检测功能>：<启用>开启运动检测功能,而<禁用>禁止此功能。
- <移动检测配置>：您可设置运动检测性能参数。
 - <移动灵敏度>：从<高>、<中>和<低>中选择一种运动检测功能灵敏度。<高>选项提供较高的运动检测灵敏度,且如果检测到小幅运动,将生成运动检测事件。
 - <移动区域>：可设置一个检测运动的区域。
- <激活时间>：可设置接受运动检测的时间来执行操作。
 - <始终>：检测到某运动时,总是执行<操作>设置。
 - <仅预约时间>：仅在星期内的指定日期、指定时间段发生时,才执行运动检测的<操作>设置。起始时间必须在结束时间之前,而且必须与结束时间不同。
- <动作>：可设置当检测到运动时执行某操作。
 - <警报输出>：决定警报信号应发送到哪一运动检测输出端口。
 - <输出持续时间>：决定当检测到某运动时,警报信号输送到指定警报输出端口的时间。在警报输出中如产生另一检测事件,延迟时间将在最近产生的运动检测的基础上重新计算。
 - <警报图像传输>：若选择<开>,JPG 图像将通过 FTP 或电子邮件 (SMTP) 传送,或保存在 SDHC 记忆卡上,这根据<事件> → <传输设置>设置而定。

若要设置运动检测目标区域

可设置检测运动的特定区域。

1 在运动窗口中,单击[运动区域]按钮。

- 运动区域窗口出现。
- 可设置检测运动的 特定区域。

2 单击所希望的动作检测区域相应的方框。

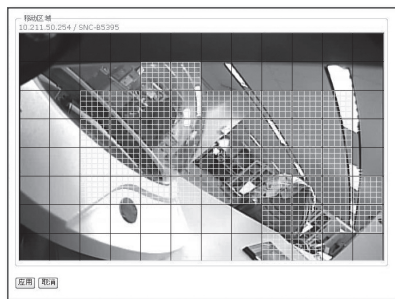
- 选中的区域为黄色。

3 若要取消选择,再次单击方框。

- 方框恢复为原来的颜色。

4 若要完成设置,单击[应用]按钮。

- 设置已保存。
- 将检测选中区域内的运动。



若要设置预约传输

可通过 FTP 和电子邮件发送 JPEG 图像,或定期记录在 SDHC 卡上。

1 单击 <事件> → <计划>。

- 预约传输窗口出现。

2 若要完成设置,单击[应用]按钮。

- 设置已保存。



- <预约传输功能> : <启用>激活预约传输功能,而<禁用>禁止此功能。
- <传输时间间隔> : 可设置传输图像的时间间隔。可从<秒>或<分>中选择一个时间单位。可设置时间间隔,从而让图像每 5/15/30/45/60 秒或分传送一次。
- <激活时间> : 可设置执行预约传输功能的时间。
 - <始终> : 总是根据指定间隔传输图像。
 - <仅预约时间> : 在星期内的指定日期、指定时间段,根据指定间隔传输图像。



- 起始时间必须在“结束时间之前,而且必须与结束时间不同。

网络配置

若要设置视频流

您可根据摄像头视频流类型和网络带宽来控制数据传输速率。

1 单击<网络> → <流设置>。

- 流设置窗口出现。

2 若要完成设置,单击[应用]按钮。

- 设置已保存。



- <流类型>: 您可从<TCP>、<UDP(单播)>和 <UDP(组播)>中为视频传输选择一种协议。

- <TCP>: 它是用于可靠性要求较高的传输的通用协议。它为发件人和收件人提供基于连接的通信,可靠性极高,可防止丢失传输数据。然而,它不适宜实时传输大量的数据,因为传输开销较高。它能以较慢的速度通过 xDSL 和线缆网络可靠地传输数据。

- <UDP(单播)>: 指仅向一个收件人传输数据 (1:1)。

- <UDP(组播)>: 指传输和接收终端之间的一对多 (1:N) 数据传输协议。尽管它可减轻网络负荷,但是需要<组播>路由器。有关诸如安装了摄像头的网络是否支持<多播>的更多信息,请咨询网络管理员。



- UDP: 此协议适合在短时间内传输诸如多媒体数据等大量的数据。但是,它比 TCP 提供的传输效率要高得多,尤其是在高速连接上,其速度超过了 100Mbps。



- 多播激活后,不可能执行视频录制搜索。
- 音频不能通过麦克风传输到摄像头。
- 不支持多播主干网 (MBone),而且摄像头仅能用在基于 LAN 的多播环境。

- <流控制>: 为使视频流平稳,您需要根据网络数据速率来设置适宜的带宽值。

- 设置<带宽>可从<无限/5Mbps/3Mbps/1Mbps/600Kbps/300Kbps/150Kbps>中选择一个值。

- 如果您的网络提供的数据速率等于或大于 100Mbps,推荐将<带宽>设置为<无限>或<5Mbps>。

- 如果您正使用宽带网连接,则将<带宽>设置为<3Mbps>或<1Mbps>。

- 如果您正使用低速 xDSL 网络,则将<带宽>设置为<600Kbps>或更低以使视频流平稳。

- 视频设置菜单中的每秒图像的最大数目根据所选<带宽>值自动确定。

若要设置 DDNS

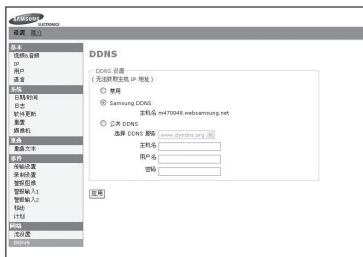
DDNS 是 Dynamic Domain Name Service(动态域名服务)的缩写,它可将摄像头的 IP 地址转换为一般主机名,所以用户很容易就记住它,而且即使摄像头的 IP 地址发生动态改变,用户都可将摄像头连接到固定主机名上。

1 单击<网络> → <DDNS>。

- DDNS 窗口出现。

2 若要完成设置,单击[应用]按钮。

- 设置已保存。



- 如果选择 Samsung 的 DDNS 服务,将使用摄像头 MAC 地址自动生成主机名。
 - 摄像头 MAC 地址包括<小写字母 c、m 和 p 中的一个> + <MAC 地址的后 6 位> + <websamsung.net>。
 - 小写字母为<c>,前提是 MAC 地址的前 6 位为<00:00:f0>;或为<m>,前提是 MAC 地址的前 6 位为<00:16:c>;或为<p>,前提是 MAC 地址的前 6 位为<00:68:36>。
- 例)- 若摄像头的 MAC 地址为 00 : 00 : f0 : ff : fe : 42,
- c + fffe42 + websamsung.net = cfffe42.websamsung.net
 - 若摄像头的 MAC 地址为 00 : 16 : 6c : ff : fe : 42,
 - m + fffe42 + websamsung.net = mfffe42.websamsung.net
 - 若摄像头的 MAC 地址为 00 : 68 : 36 : ff : fe : 42,
 - p + fffe42 + websamsung.net = pfffe42.websamsung.net
- 若要使用其他 DDNS 服务,应申请一个由摄像头支持的 DDNS 网站,申请网站时,应该使用所指定的用户 ID 和密码。
 - 有关如何申请其他 DDNS 以及设置主机名的更多信息,请访问相应的 DDNS 服务网站。

附录

故障排除

故障	解决方法
无法使用网络浏览器访问摄像头。	• 检查摄像头的网络设置 是否正确。 • 检查网络缆线是否正确 连接。 • 若使用 DHCP 连接,检查摄像头是否能够 无故障地获得动态 IP 地址。 • 若使用 DDNS URL,确认 MAC 地址输入是否正确。 • 若摄像头与 xDSL 网络连接,确保 带宽设置低于 600Kbps。由于 xDSL 仅提供慢速连接,将带宽设置过高会导致网络负载过高,并会影响网络的连接。 • 若摄像头与路由器连接,确认是否 正确设置了端口转发。
查看器在监视期间断开。	• 已连接的查看器在摄像头或网络配置发生更改时会断开。 • 检查所有的网络连接。 • 若摄像头通过 xDSL 网络进行连接,查看器在网络状况不佳的情况下可能会断开。
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 安装程序未检测到连接至网络的摄像头。	• 关闭 PC 上的防火墙设置,再次搜索摄像头。
图像重叠。	• 检查是否将多个摄像头应当设置的不同地址设为了同一多播地址。多个摄像头共享同一地址可能会导致图像的重叠。 • 如果您计算机上的视频编解码器安装错误,视频将无法正确播放。卸载所安装的编解码器,并在此检查。

故障	解决方法
无图像出现。	如果传输方法设置为多播,请检查摄像头所连接的 LAN 中是否有路由器支持多播。
我在运动检测下启用了运动检测功能,但是 .jpg 文件不能通过 FTP/SMTP 发送,即使在 FT 摄像头上检测到运动时也不能发送。	- 请确认以下序列中的设置: A. 必须正确配置 NTP。 B. 必须启用运动检测功能。 C. 必须启用警报视频传输。 D. 检查是否存在时间安排冲突。
运动检测功能禁用时可以配置“运动区域”吗?	可以。运动区域”可单独配置,无论是否使用了运动检测功能。
运动事件发生但没有触发警报。	请检查警报输出端口设置。
数据没有录制到 SDHC 记忆卡。	- 请确认记忆卡没有缺陷。 - 请确认记忆卡上的锁定开关没有启用。
插入 SDHC 记忆卡后,SD 指示灯不亮。	- 请确认记忆卡没有缺陷。 - 进入配置 → 事件 → 警报图像设置并确认已选择了 SD 卡录制选项。
我插入了 SDHC 记忆卡,但摄像头无法正常工作。	请保证插入记忆卡的方向正确。通过不同设备格式化的记忆卡在摄像头上使用时,它们的性能无法保证。 进入配置 → 事件 → 录制设置并再次格式化记忆卡。
SDHC 记忆卡无法格式化。	请确认记忆卡上的锁定功能没有启用。

技术规格

项目			详细规格	
			NTSC	PAL
扫描模式			525 线,30 帧/秒	625 线,25 帧/秒 (PAL)
图像设备			1/3" PS 41 万像素 CCD	1/3" PS 47 万像素 CCD
有效像素			768(H) x 494(V)	752(H) x 582(V)
同步			内部	
分辨率			540(彩色)/570(黑白)TV 线路	
S/N			约 50dB	
最小场景照明			色彩：0.4 勒克斯 (50IRE) 0.0005 勒克斯 (15IRE,感光 x256)	
			黑白：0.04 勒克斯 (50IRE) 0.00005 勒克斯 (15IRE,感光 x256)	
宽动态范围			128x	160x
昼/夜			活动滤光镜(真昼/夜)	
镜头			自动变光(视频/DC)手动变光	
镜头安装			CS/C(安装适配器)	
信号输出			VBS 1.0Vp-(75Ω,复合)	
环境	网卡	操作系统	嵌入式 Linux	
	客户端	操作系统	Windows XP、VISTA	
浏览器	网络浏览器		IE 6.0 或更高版本	
视频播放器			Quicktime、VLC 播放器 (RTP/RTSP)	
压缩	视频	MPEG4, MJPEG		
	音频	G.71：全双工,64Kbps,8KHz 采样		
网络硬件	闪存	16Mb		
	SDRAM	128Mb		
网络	以太网		10/100BASE-T	
	网络协议	网络协议	TCP、UDP、NTP、HTTP、DHCP、PPPoE	
		流	TCP、UDP(单播,多播)、RTP、RTSP	
		DDNS	Samsung DDNS 和公共 DDNS 服务器支持	

项目			详细规格	
			NTSC	PAL
视频分辨率			D1(720x480)、VGA(640x480)、CIF(352x240)	D1(720x576)、VGA(640x480)、CIF(352x288)
运动检测			高、中、低	
连接用户	单播		最多 10 用户	
	多播		最多 20 用户	
警报输入/输出			输入：2, 输出：2	
警报事件图像传输	警报输入传输		FTP 传输/电子邮件 (SMTP) 传输 / SD 卡录制	
	运动检测传输		FTP 传输/电子邮件 (SMTP) 传输 / SD 卡录制	
时间设置			与 NTP 同步、与 PC 同步、手动设置	
IP 安装程序			IP 安装功能(支持 XP、VISTA)	
软件升级			通过网络浏览器升级固件	
SDK	HTTP API	应用程序界面	提供设置/检索内部参数值的功能。 获取 JPEG 图像或多部分 JPEG 流。 监视器警报开启, 控制器警报关闭。	
	Windows API	Windows API	用于查看和控制摄像头视频流的 ActiveX 组件。	
电源			AC24V $\pm$ 10%(60Hz $\pm$ 0.3Hz)	AC24V $\pm$ 10%(50Hz $\pm$ 0.3Hz)
			DC12V+10%/-5% PoE(以太网供电)	DC12V+10%/-5% PoE(以太网供电)
功耗			约 8 瓦	
工作温度			-10°C~50°C	
工作湿度			~90%	
尺寸			W147.4 X D60.9 X H83 mm	
重量			约 428g	

项目	详细规格										
	NTSC										
	MPEG MJPEG	级别 10	级别 9	级别 8	级别 7	级别 6	级别 5	级别 4	级别 3	级别 2	级别 1
帧率 (FPS)	级别 10	24	25	25	26	26	26	28	28	28	28
	级别 9	25	26	26	27	28	28	28	29	29	30
	级别 8	25	26	26	27	28	28	29	29	30	30
	级别 7	25	26	26	28	29	29	29	29	30	30
	级别 6	25	26	26	28	29	29	29	29	30	30
	级别 5	25	26	26	28	29	29	29	30	30	30
	级别 4	25	26	26	28	29	30	30	30	30	30
	级别 3	25	27	26	28	29	30	30	30	30	30
	级别 2	25	27	27	28	30	30	30	30	30	30
	级别 1	27	27	27	29	30	30	30	30	30	30
	PAL										
	MPEG MJPEG	级别 10	级别 9	级别 8	级别 7	级别 6	级别 5	级别 4	级别 3	级别 2	级别 1
	级别 10	21	21	23	23	24	24	24	24	25	25
	级别 9	22	22	23	24	25	24	24	24	25	25
	级别 8	22	22	23	24	24	24	24	25	25	25
	级别 7	22	22	23	24	24	24	24	25	25	25
	级别 6	22	22	23	24	24	24	25	25	25	25
	级别 5	22	22	23	24	24	24	25	25	25	25
	级别 4	22	22	23	24	24	25	25	25	25	25
	级别 3	22	22	23	24	24	25	25	25	25	25
	级别 2	22	23	24	24	24	25	25	25	25	25
	级别 1	22	23	24	24	24	25	25	25	25	25
图像尺寸	NTSC					PAL					
		MPEG (bps)		MJPEG (KB)			MPEG (bps)		MJPEG (KB)		
	级别 10	6M		47		级别 10	6M		52		
	级别 9	5M		35		级别 9	5M		42		
	级别 8	4M		32		级别 8	4M		39		
	级别 7	3M		29		级别 7	3M		36		
	级别 6	2M		28		级别 6	2M		34		
	级别 5	1.5M		26		级别 5	1.5M		33		
	级别 4	1.25M		23		级别 4	1.25M		29		
	级别 3	1M		20		级别 3	1M		26		
	级别 2	768K		17		级别 2	768K		22		
	级别 1	512K		15		级别 1	512K		19		

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