

# EasyIPSetupToolPlus 操作手册

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## 简介

EasyIPSetupToolPlus 是在 Windows PC 上运行的应用软件。

在连接到松下遥控摄像机的 PC 上运行此软件，可检测遥控摄像机或更改设置信息。

## 主要功能

此软件的主要功能如下：

### 1. 检测松下遥控摄像机并显示所述摄像机信息

在连接到松下遥控摄像机的 PC 上运行此软件，可检测遥控摄像机，还可以显示 Mac 地址、Ipv4 地址等摄像机信息。

### 2. 快速亮灯

指定遥控摄像机的电源指示灯可以快速亮起。

### 3. 网络设置

可更改指定遥控摄像机的网络设置信息。

### 4. Web 界面

可将显示内容切换至指定遥控摄像机的网络屏幕。

### 5. 自动 IP

可以为指定的遥控摄像机分配连续的 IP 地址。

### 6. 管理员注册

可以为指定的遥控摄像机注册管理员帐户。

## 7. 固件升级

已连接的遥控摄像机的固件版本可以升级。

## 8. 激活

您可以激活各种付费许可证。

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# 运行环境

使用此软件需要以下环境：

※有关最新的兼容型号，请查看以下网站上的 EasyIPSetupToolPlus 产品页面。

<https://pro-av.panasonic.net/en/>

- 客户端 PC

Windows10 64bit

Windows11 64bit

- 松下遥控摄像机

AW-UE160

AW-HE20/UE20

AW-UE40/UE50/UE80

AW-UE100

AW-UE150/UE155/UN145/HE145

AW-UE70/UE65/UE63

AW-UN70

AW-HE130/HN130

AW-HE75/HE42/HE68

AW-HE70/HE40/HE35/HE38/HE65/HE48/HE58/HN40/HN38/HN65/HN70

AW-HR140

AW-UE4

- 松下工作室相机

AK-PLV100

AK-HC3900

AK-HCU250

AK-NP60

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## 关于本文件中的描述

- 本文件中的插图和屏幕显示内容可能与实际不同。
- 在本文件中，个人计算机被称为“PC”。

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## 关于注册和注册商标

- Microsoft、Windows 和 Internet Explorer 是 Microsoft Corporation 在美国的注册商标。
- 此外，本手册中的各种名称、公司名称、产品名称均为各公司的商标或注册商标。商标®或标记在本手册中没有明确规定。

# 启动应用程序

首先解压缩文件夹

然后点击“EasyIPSetupToolPlus.exe”来启动应用程序。



名前	更新日時	種類	サイズ
css	2020/07/28 14:28	ファイル フォルダー	
help	2020/07/28 14:29	ファイル フォルダー	
js	2020/07/28 14:29	ファイル フォルダー	
locales	2020/07/28 14:29	ファイル フォルダー	
server	2020/07/28 14:29	ファイル フォルダー	
EasyIPSetupToolPlus.exe	2020/07/28 13:14	アプリケーション	59,626 KB
icuudt.dat	2020/07/28 13:14	DATA ファイル	10,213 KB
index.html	2020/07/28 13:14	Chrome HTML Docu...	14 KB
nw.pak	2020/07/28 13:14	PAK ファイル	7,308 KB
package.json	2020/07/28 13:14	JSON ソース ファイル	1 KB

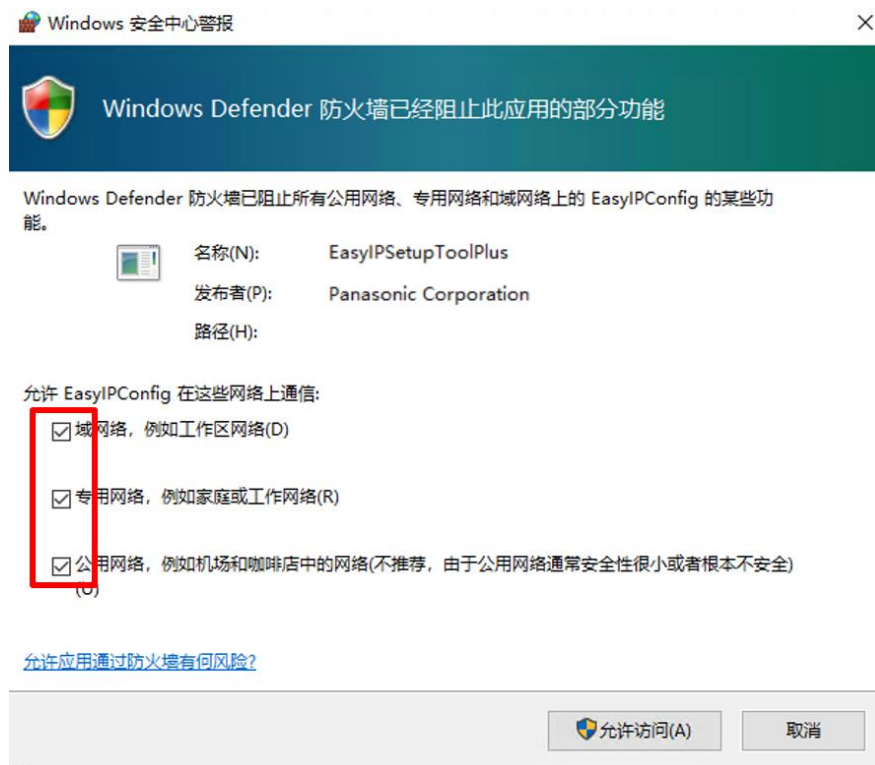
\*如果启动应用程序后显示防火墙设置屏幕，

请采取以下行动。

如果未显示，则无需采取任何措施

- 启动应用程序后，将显示以下与防火墙有关的画面。

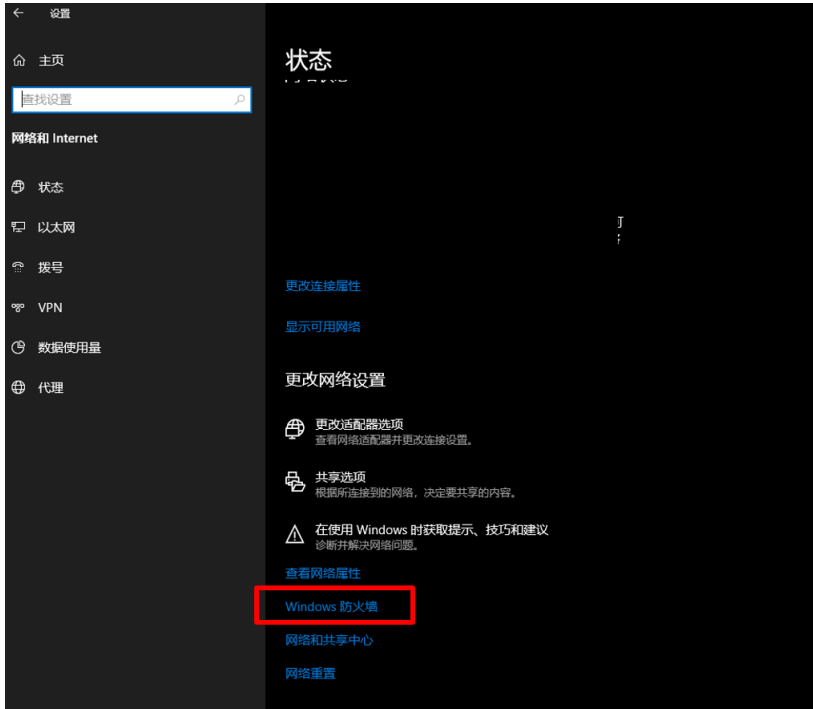
选择与摄像机连接的网络的复选框。



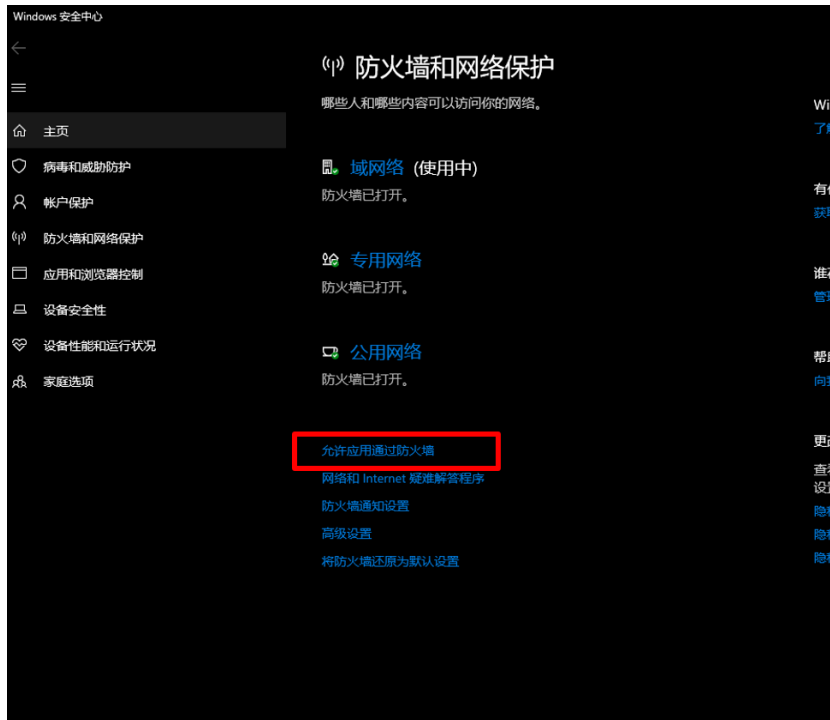
\*如果您忘记了上述选择操作，可能无法正确检测到摄像机。

在这种情况下，请按照以下步骤重新设置防火墙。

1. 打开 Windows 设置→网络和 Internet→Windows 防火墙。



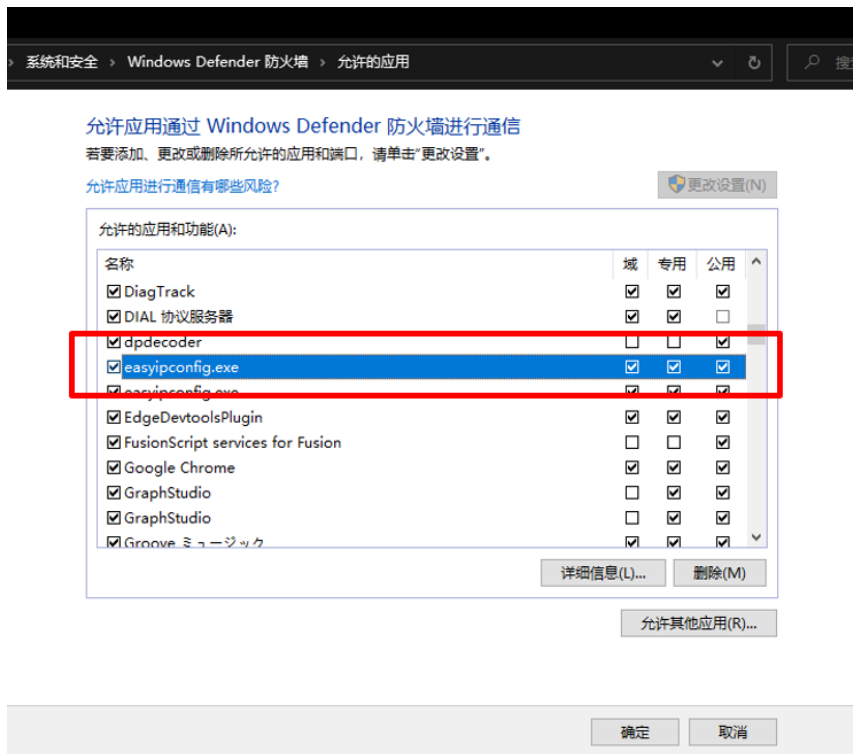
2. 通过防火墙打开应用程序权限。



3. 对于允许的应用程序列表中的 easyipconfig.exe , 请检查摄像机所连接的网络。

然后按确定按钮。

\*如果有多个 easyipconfig.exe , 请全部选中。

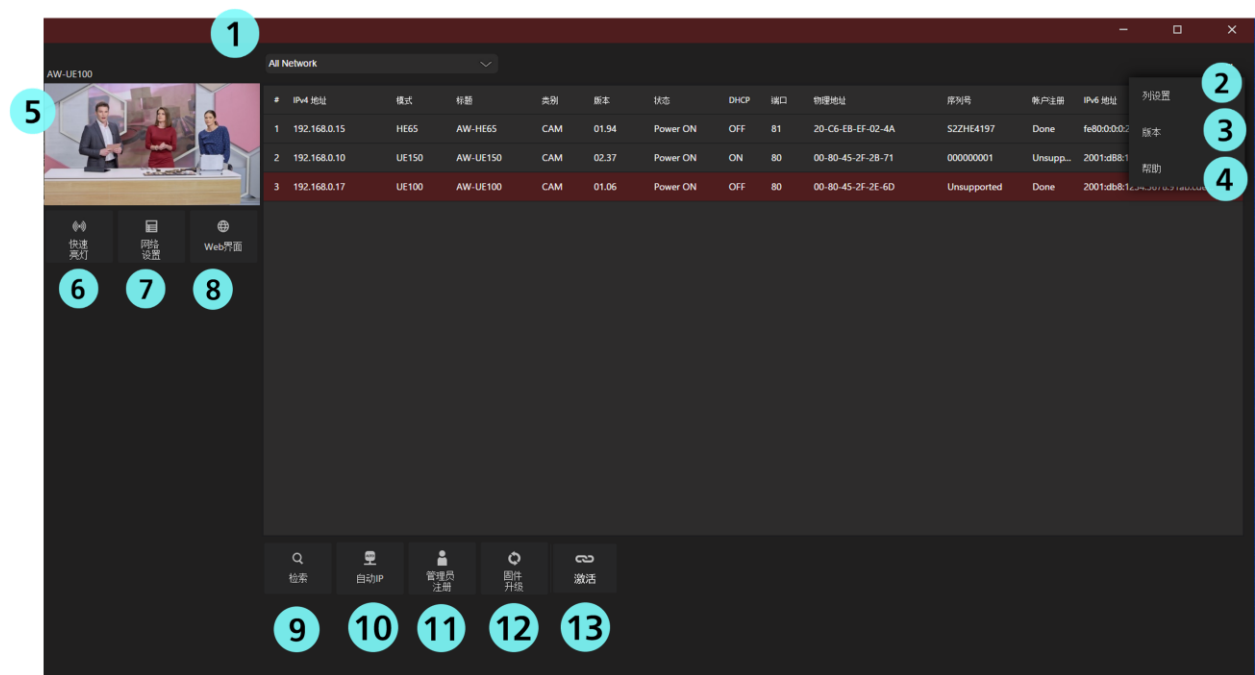


4. 重新启动 EasyIPSetupToolPlus , 将正常检测到摄像机。

# 屏幕描述

## 主屏幕

启动应用程序时，将显示以下屏幕。



### ① 网络下拉菜单

您可以设置用于搜索的网络适配器。

### ② 列设置

您可以设置在摄像机列表中显示的列。

### ③ 版本

可以显示版本信息。



④ **帮助**

可以显示本应用程序的帮助文档。

⑤ **摄像机图像显示**

可以显示来自指定摄像机的图像。（ 2pfs ）

\* 无法从启用了用户身份验证的遥控摄像机获取图像。

⑥ **快速亮灯**

指定遥控摄像机的电源指示灯可以快速亮起。

⑦ **网络设置**

可更改指定遥控摄像机的网络设置信息。

⑧ **Web 界面**

可将显示内容切换至指定遥控摄像机的网络屏幕。

⑨ **检索**

可以启动遥控摄像机检测操作。

⑩ **自动 IP**

可以为指定的遥控摄像机分配连续的 IP 地址。

⑪ **管理员注册**

可以为指定的遥控摄像机注册管理员帐户。

⑫ **固件升级**

已连接的遥控摄像机的固件版本可以升级。

⑬ **激活**

您可以激活各种付费许可证。

## 摄像机列表区域

#	IPv4 地址	模式	标题	类别	版本	状态	DHCP	端口	物理地址	序列号	帐户注册	IPv6 地址
1	192.168.0.15	HE65	AW-HE65	CAM	01.94	Power ON	OFF	81	20-C6-EB-EF-02-4A	S2ZHE4197	Done	fe80:0:0:22C6:ebFF:feEF:24A
2	192.168.0.10	UE150	AW-UE150	CAM	02.37	Power ON	ON	80	00-80-45-2F-2B-71	000000001	Unsupp...	2001:db8:1234:5678:90AB:cdEF:0:0
3	192.168.0.17	UE100	AW-UE100	CAM	01.06	Power ON	OFF	80	00-80-45-2F-2E-6D	Unsupported	Done	2001:db8:1234:5678:91abcdef:

### ① IPv4 地址

显示遥控摄像机的 Ipv4 地址。

单击 IPv4 地址，可以按 IPv4 地址的升序或降序对摄像机列表进行排序。

### ② 模式

显示遥控摄像机的型号名称。

单击模式，可以按型号对摄像机列表进行排序。

### ③ 标题

显示遥控摄像机的标题。

单击标题，可以按标题的升序或降序对摄像机列表进行排序。

### ④ 类别

显示设备类别。

如果是遥控摄像机，则显示 CAM。

单击类别，可以按类别对摄像机列表进行排序。

### ⑤ 版本

显示遥控摄像机的固件版本。

\* 无法从启用了用户身份验证的遥控摄像机检索信息。

### ⑥ 状态

显示遥控摄像机的状态。

PowerON : 开机          Standby : 待机状态

\* 无法从启用了用户身份验证的遥控摄像机检索信息。

单击状态，可以按状态对摄像机列表进行排序。

### ⑦ DHCP

显示遥控摄像机的网络设置信息。

开启 : DHCP 设置      关闭 : 固定 IP 设置

单击 DHCP，可以通过 DHCP 对摄像机列表进行排序。

### ⑧ 端口

显示遥控摄像机的端口号。

单击端口，可以按端口号的升序或降序对摄像机列表进行排序。

### ⑨ 物理地址

显示遥控摄像机的 Mac 地址。

### ⑩ 序列号

显示遥控摄像机的序列号。

\* 无法从启用了用户身份验证的遥控摄像机检索信息。

### ⑪ 管理员注册

显示管理员帐户的设置信息。

完成 : 已设置      无 : 未设置

单击管理员注册，可以按每个管理员注册的显示对摄像机列表进行排序。

### ⑫ IPv6 地址

显示遥控摄像机的 IPv6 地址。

单击 IPv6 地址，以按 IPv6 地址的升序或降序对摄像机列表进行排序。

### ⑬ Web 画面跳转

双击，可以移至所选摄像机的网络屏幕。

#### ■ 无法检索信息时的说明。

Unsupported: 该遥控摄像机不支持信息检索。

Unauthorized: 该遥控摄像机启用了用户身份验证，因此无法检索信息。

--: 该设备不支持操作。

# 屏幕操作描述

## 列设置

您可以设置在摄像机列表中显示的列。

- 隐藏项目: 未显示在主屏幕的列

- 显示项目: 显示在主屏幕的列

\* 默认 IPv6 地址不显示。

- 操作方法

· 向 [显示项目] 添加项目

1. 从 [隐藏项目] 中选择要显示的项目。
2. 按下 [追加] 按钮。

· 向 [隐藏项目] 添加项目

1. 从 [显示项目] 中选择要隐藏的项目。
2. 按下 [删除] 按钮。



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## 快速亮灯

指定遥控摄像机的电源指示灯可以快速亮起。

### ■ 操作方法

1. 从屏幕右侧的摄像机列表中选择遥控摄像机。
2. 点击 [快速亮灯] 按钮。
3. 电源指示灯快速亮起。

### ■ 注意事项

- 电源开启时间超过 20 分钟的摄像机，不能使用快速亮灯功能。
- 如果想在 20 分钟后仍使用该功能，则需在摄像机的网络设置中将 “Easy IP Setup accommodate period” 设为 “Unlimited” 。

# 网络设置

可更改指定遥控摄像机的网络设置信息。

## ■ 操作方法

显示模式因相机型号不同而不同。

### · 显示模式 (1)

您可以设置摄像机标题、端口号、IPv4、IPv6 和 DNS。

标题	AW-UE100
端口号	80
IPv4 网络	
DHCP	<input type="radio"/> 开 <input checked="" type="radio"/> 关
IPv4 地址	192.168.0.17
子网掩码	255.255.255.0
默认网关	192.168.0.1
IPv6 网络	
手动	<input checked="" type="radio"/> 开 <input type="radio"/> 关
IPv6 地址	2001:db8:1234:5678:91ab:cdef::
默认网关	fe80::2a0:deff:fe11:8e25
DHCPv6	<input type="radio"/> 开 <input checked="" type="radio"/> 关
DNS	
	<input type="radio"/> 自动 <input checked="" type="radio"/> 手动
主服务器地址	0.0.0.0
辅助服务器地址	0.0.0.0

设定 取消

1.更改网络设置信息。

2.点击 [确定] 按钮开始设置。

3.输入遥控摄像机的用户 ID 和密码。

请输入相机授权信息。

用户ID

密码

确定 取消

4.如果设置成功，将显示“设置相机成功。”。

5.如果设置失败，将显示“设置相机失败。”。

## · 显示模式 (2)

您可以设置端口号、IPv4 和 DNS。

\* 您不能设置摄像机标题。



1.更改网络设置信息。

2.点击 [确定] 按钮开始设置。

3.如果设置成功，将显示“设置相机成功。”。

4.如果设置失败，将显示“设置相机失败。”。

## ■ 注意事项

· 电源开启时间超过 20 分钟的摄像机，不能使用 Network Settings (网络设置) 功能。

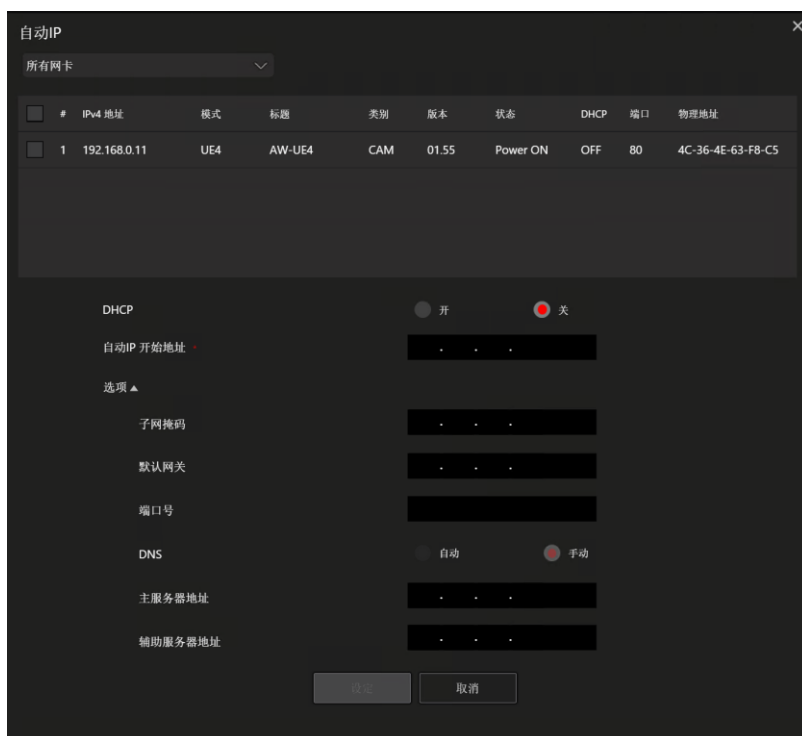
· 如果想在 20 分钟后仍使用该功能，则需在摄像机的网络设置中将“Easy IP Setup accommodate period” 设为“Unlimited”。



# 自动 IP

可以为指定的遥控摄像机分配连续的 IP 地址。

您也可以批量切换 DHCP 设置。



## ■ 操作方法

1.选中要为其设置 IP 地址的遥控摄像机的复选框。\* 可选择多台摄像机。

2.DHCP 选择开或关

3.[自动 IP 开始地址] 的输入

· DHCP 选择 OFF 时

在自动 IP 起始地址中输入分配起始地址。

示例) 如果输入“192.168.0.10”，IP 地址将按照从列表顶部开始的顺序，被设置为

192.168.0.10, 192.168.0.11, 192.168.0.12, ...。

\*作为选项，可以设定子网掩码，默认网关，端口号和 DNS。如果选择选项，则为所有摄像机设置值。

- DHCP 选择 ON 时

由于摄像机的 DHCP 设置设为 ON，因此无法输入自动 IP 开始地址。

4.如果按下 [设定] 按钮，IP 地址的分配将按照从列表顶部开始的顺序进行。

5.如果 IP 地址设置成功，将显示 IP 地址分配成功的摄像机列表。

6.如果 IP 地址设置失败，则显示 IP 地址分配失败的摄像机列表。

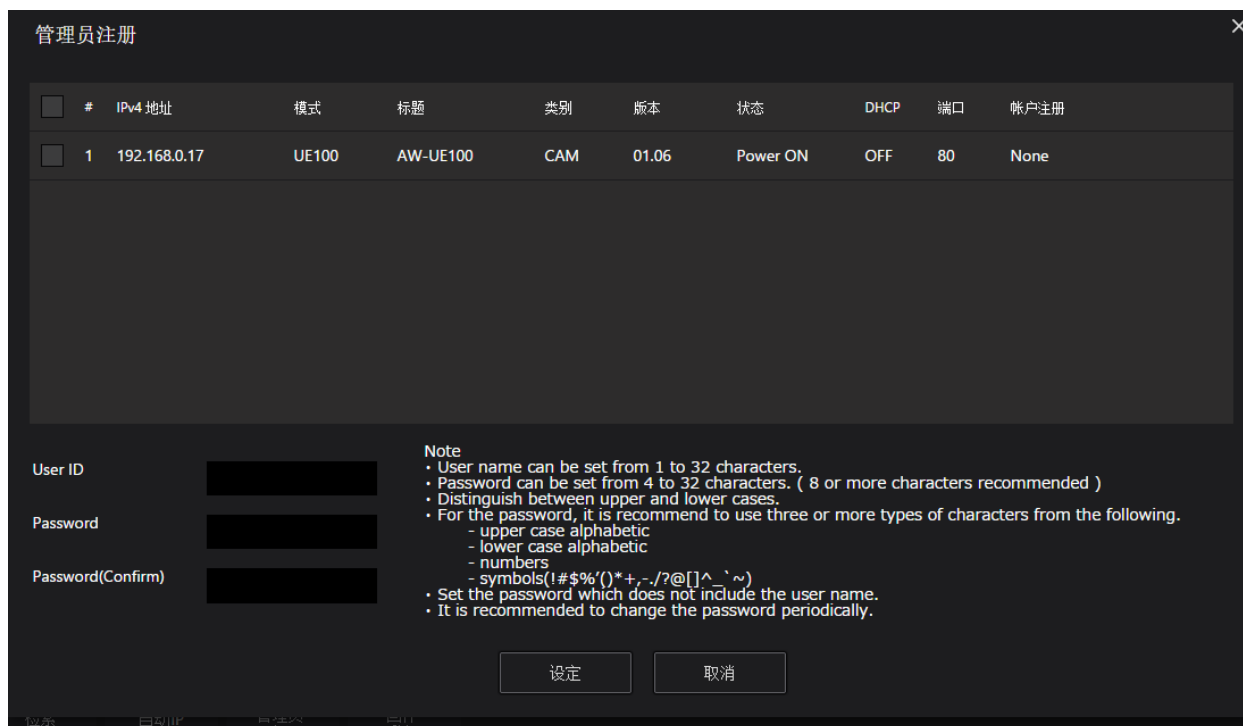
#### ■ 注意事项

- 电源开启时间超过 20 分钟的摄像机，不能使用“自动 IP”功能。
- 如果想在 20 分钟后仍使用该功能，则需在摄像机的网络设置中将“Easy IP Setup accommodate period”设为“Unlimited”。

# 管理员注册

可以为遥控摄像机注册管理员帐户。

摄像机列表中只显示未注册管理员帐户的摄像机。



## ■ 操作方法

1.选中要注册管理员帐户的遥控摄像机的复选框。

- \* 可选择多台摄像机。
- \* 不能设置具有相同 IP 地址的摄像机。

如果 IP 地址相同，请使用网络设置和自动 IP 功能更改摄像机的 IP 地址。

2.输入 用户名 和 密码。

3.如果按下 [设定] 按钮，将启动注册。

4.如果注册成功，将显示注册成功的摄像机列表。

5.如果注册失败，则显示注册失败的摄像机列表。

- 注意事项

不能为已有管理员帐户的摄像机注册帐户。

# 固件升级

已连接的遥控摄像机的固件版本可以升级。



\* 最新版本: 显示摄像机的最新固件版本。

只有当 PC 连接到互联网时才能显示版本信息。

## ■ 操作方法

### · 更新方式: 自动



从下载固件文件到对遥控摄像机进行版本升级，所有的操作都由应用程序来完成。

摄像机列表中只显示需要将其固件升级到最新版本的遥控摄像机。

\* 要使用 自动方法，必须将运行 EasyIPSetupToolPlus 的 PC 连接到互联网。

### 版本升级过程

1. 选中要启动版本升级的遥控摄像机的复选框。

- \* 可选择多台摄像机。
- \* 不能设置具有相同 IP 地址的摄像机。

如果 IP 地址相同，请使用网络设置和自动 IP 功能更改摄像机的 IP 地址。

2. 输入每台摄像机的 用户 ID 和密码。

批量输入：在批量输入栏中输入值，然后按输入按钮。

可以输入所选摄像机的用户 ID 和密码。

按下删除键，可以清除所选摄像机的用户 ID 和密码值。

单独输入：输入每个摄像机的用户 ID 和密码。

3. 按下 [更新] 按钮启动版本升级至最新固件。

\* 版本升级开始后，您就不能对应用程序执行任何其他操作。

4. 如果版本升级完成，将显示版本升级成功的摄像机列表。

5. 如果版本升级失败，则显示版本升级失败的摄像机列表。

## · 更新方式: 手动



从 PC 上选择固件文件，然后进行升级。

摄像机列表中将显示可升级版本的遥控摄像机。

### 版本升级过程

1. 选中要启动版本升级的遥控摄像机的复选框。

- \* 可选择多台摄像机。
- \* 不能设置具有相同 IP 地址的摄像机。

如果 IP 地址相同，请使用网络设置和自动 IP 功能更改摄像机的 IP 地址。

2. 输入用户名和密码。

批量输入：在批量输入栏中输入值，然后按输入按钮。

可以输入所选摄像机的用户 ID 和密码。

按下删除键，可以清除所选摄像机的用户 ID 和密码值。

单独输入：输入每个摄像机的用户 ID 和密码。



### 3.选择固件文件。

批量输入：在批量输入栏中按“选择”按钮以选择文件。

接下来，按“输入”按钮，可以输入所选摄像机的固件文件。

按下删除键，可以清除所选摄像机的固件文件。

单独输入：单击每个摄像机的选择按钮以选择固件文件。

### 4.按下 [更新] 按钮启动所选摄像机的版本升级。

\* 版本升级开始后，您就不能对应用程序执行任何其他操作。

### 5.如果版本升级完成，将显示版本升级成功的摄像机列表。

### 6.如果版本升级失败，则显示版本升级失败的摄像机列表。

# 激活

您可以激活各种付费许可证。

※此功能仅可在连接网络时使用。

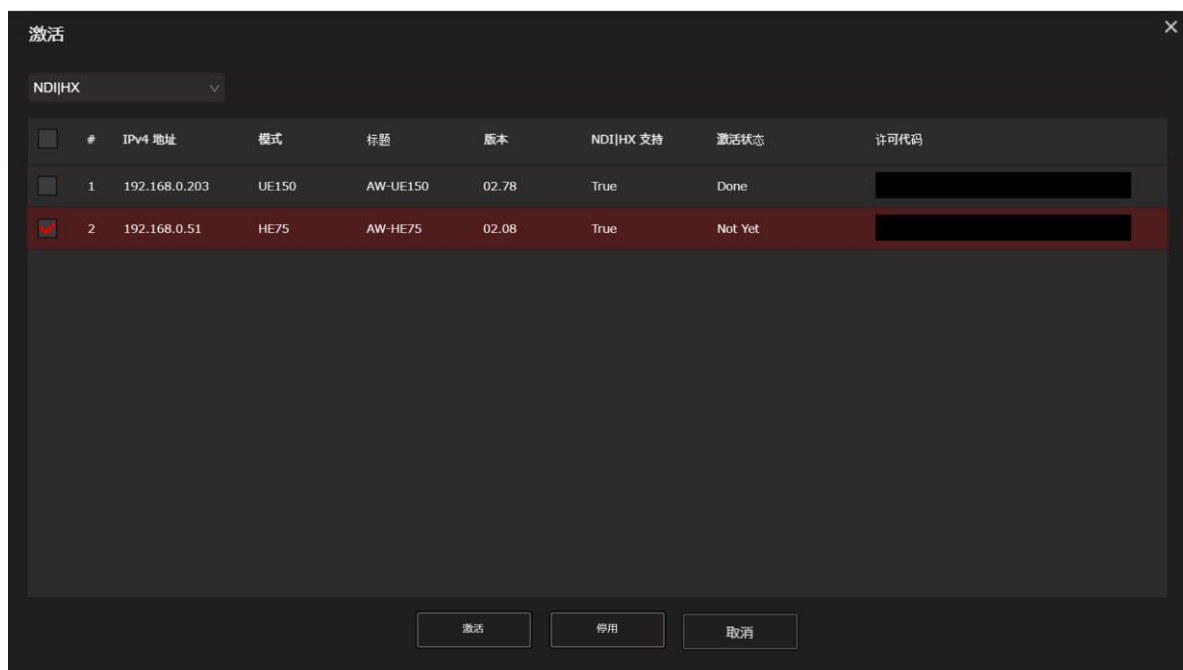
您可以使用此功能激活以下许可证。

- NDI|HX

- MoIP (SMPTE ST 2110)

## ■ NDI|HX 许可证激活

如果在激活屏幕左上角的许可证选择框中选择 NDI|HX，将出现 NDI|HX 许可证激活屏幕。



NDI|HX 支持 : 支持 NDI | HX 的相机 : True

不支持 NDI | HX 的相机 : False

激活状态 : 已激活的相机 : 已激活

未激活的相机 : 未激活

## 激活过程

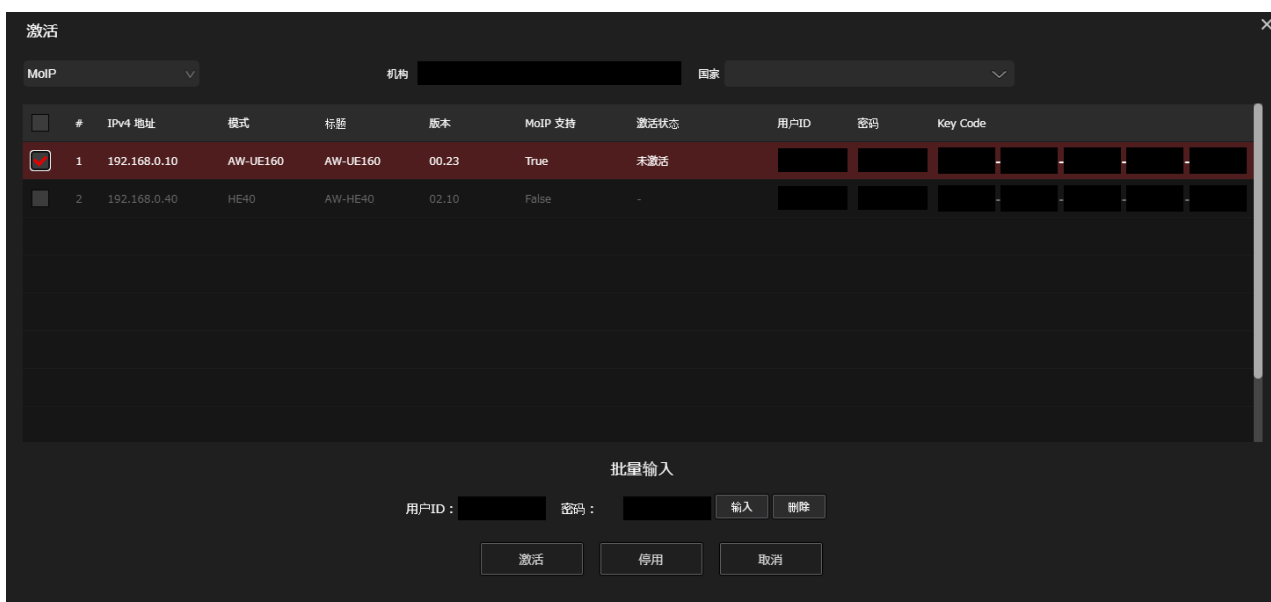
1. 选择要激活的相机。
2. 在许可代码框中输入许可证代码。
3. 按下激活按钮，开始激活。

## 停用过程

1. 选择要停用的相机。
2. 在许可代码框中输入许可证代码。
3. 按下停用按钮，开始停用。

### ■ MoIP (SMPTE ST 2110) 许可证激活

如果在激活屏幕左上角的许可证选择框中选择 MoIP, 将出现 MoIP (SMPTE ST 2110) 许可证激活屏幕。



MoIP 支持 : 支持 MoIP 的相机 : True

不支持 MoIP 的相机 : False

激活状态 : 已激活的相机 : 已激活

未激活的相机 : 未激活

## 激活过程

1. 在组织字段中输入您的公司名称。

可输入的字符：字母、数字、空格

可输入的字符数：最多 40 个字符

2. 在国家字段中选择您的国家。

3. 选择要激活的相机。

4. 输入每台摄像机的 用户 ID 和密码。

批量输入：在批量输入栏中输入值，然后按输入按钮。

可以输入所选摄像机的用户 ID 和密码。

按下删除键，可以清除所选摄像机的用户 ID 和密码值。

单独输入：输入每个摄像机的用户 ID 和密码。

5. 在许可代码框中输入许可证代码。

6. 按下激活按钮，开始激活。

## 停用过程

1. 在组织字段中输入您的公司名称。

可输入的字符：字母、数字、空格

可输入的字符数：最多 40 个字符

2. 在国家字段中选择您的国家。

3. 选择要停用的相机。

4. 输入每台摄像机的 用户 ID 和密码。

批量输入：在批量输入栏中输入值，然后按输入按钮。

可以输入所选摄像机的用户 ID 和密码。

按下删除键，可以清除所选摄像机的用户 ID 和密码值。

单独输入：输入每个摄像机的用户 ID 和密码。

5. 在许可代码框中输入许可证代码。
6. 按下停用按钮，开始停用。

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That's all there is to it!

·Source code

You can download the source code from the following URL.

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CxxUrl (<https://github.com/chmike/CxxUrl>)

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