EasyIPSetupToolPlus 操作説明書

はじめに

EasyIPSetupToolPlus は、Windows PC 上で動作するアプリケーションソフトウェアです。

Panasonic 製カメラが接続された PC で本ソフトウェアを動作させることにより、カメラの検出や設定情報の変更を行うことができます。

主な機能

本ソフトウェアの主な機能は次の通りです。

1．パナソニック製カメラの検出・カメラ情報表示

Panasonic 製カメラが接続された PC で本ソフトウェアを動作させることにより、カメラを検出することができます。また、MacAddress, Ipv4 Address 等のカメラ情報を表示することが可能です。

2. Identify

指定したカメラの電源ランプを高速点灯することができます。

3. Network Settings

指定したカメラのネットワーク設定情報を変更することができます。

4．Web GUI

指定したカメラの Web 画面に遷移することができます。

5．Auto IP

指定したカメラの IP アドレスを連続したアドレスに割り当てることができます。

6．Administrator Registration

指定したカメラに管理者アカウントを登録することができます。

7．Firmware Update

接続されたカメラのファームウェアをバージョンアップすることができます。

8．Activation

各種有償ライセンスのアクティベーションを行うことができます。

動作環境

本ソフトウェアを使用するには以下の環境が必要です。

※最新の対応機種は下記 WEB サイトの EasyIPSetupToolPlus 商品ページをご確認下さい。

https://connect.panasonic.com/jp-ja/products-services_proav

●クライアント PC

Windows10　64bit

Windows11　64bit

●パナソニック製 PTZ カメラ

AW-UE160/UE163

AW-UE150/UE155/UN145/HE145

AW-UE100

AW-UE80/UE83

AW-UE50/UE53

AW-UE40/UE43

AW-UE70/UN70/UE65/UE63

AW-UE20

AW-UE4

AW-HE130/HN130

AW-HE75/HE42/HE68

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

AW-HE20

AW-UR100

AW-HR140

●パナソニック製スタジオカメラ

AK-PLV100

AK-HC3900

AK-HCU250

AK-NP600

本ファイルの記載について

- 本ファイル内のイラストや画面表示は、実際と異なる場合があります。
- 本ファイルでは、パーソナルコンピューターを「PC」と記載しています。

登録および登録商標について

- Microsoft、Windows、Internet Explorer は米国 Microsoft Corporation の登録商標です。
- その他、本文で記載されている各種名称、会社名、商品名などは各社の商標または登録商標です。

  なお、本文中では TM、®マークは明記していません。

アプリの起動方法

Zip フォルダを解凍後、”EasyIPSetupToolPlus.exe”をクリックすると、

アプリを起動することができます。

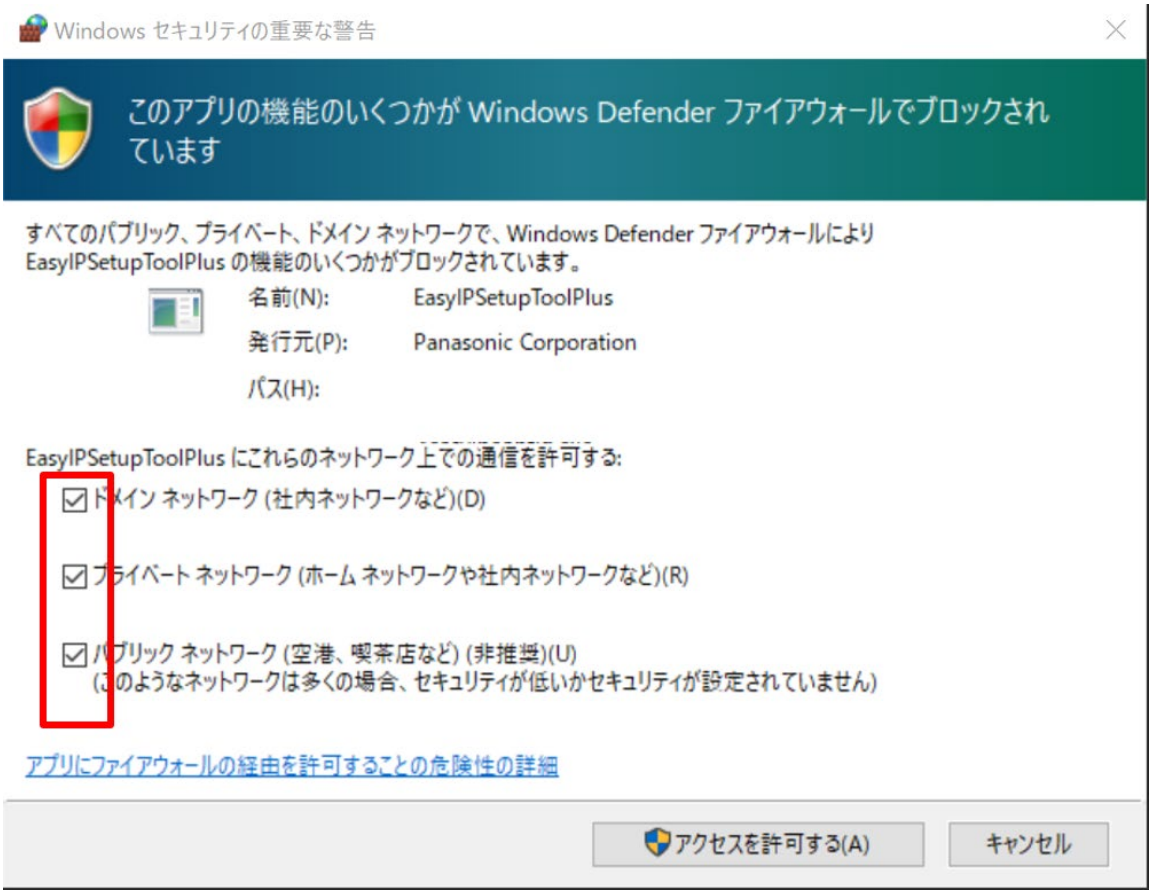
※アプリを起動後、ファイアーウォールの設定画面が表示された場合、

以下の対応をお願いいたします。

表示されなかった場合、対応は必要ありません。

・アプリを起動後、以下のファイアーウォールに関する`画面が表示されます。

カメラが接続されているネットワークに関して、チェックを入れます。



※カメラが接続されているネットワークに関して、上記のチェック操作を忘れた場合、

カメラの検出が正常に行われないことがあります。

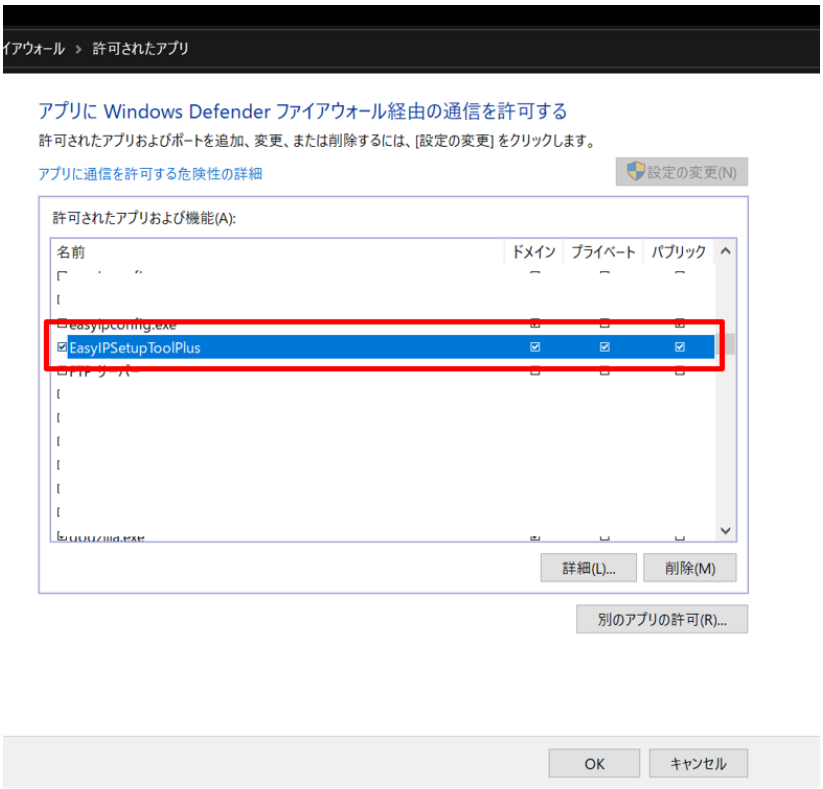
その場合、以下の手順でファイアーウォールの設定を再度行うことができます。

1.Windows の設定→ネットワークとインターネット→Windows ファイアーウォールを開きます。

2.ファイアーウォールによるアプリケーションの許可を開きます。

3.許可されたアプリ一覧の EasyIPSetupToolPlus について、カメラが接続されているネットワークのチェックを入れます。その後、OK ボタンを押します。

※EasyIPSetupToolPlus が複数存在する場合、全てにチェックを入れます。

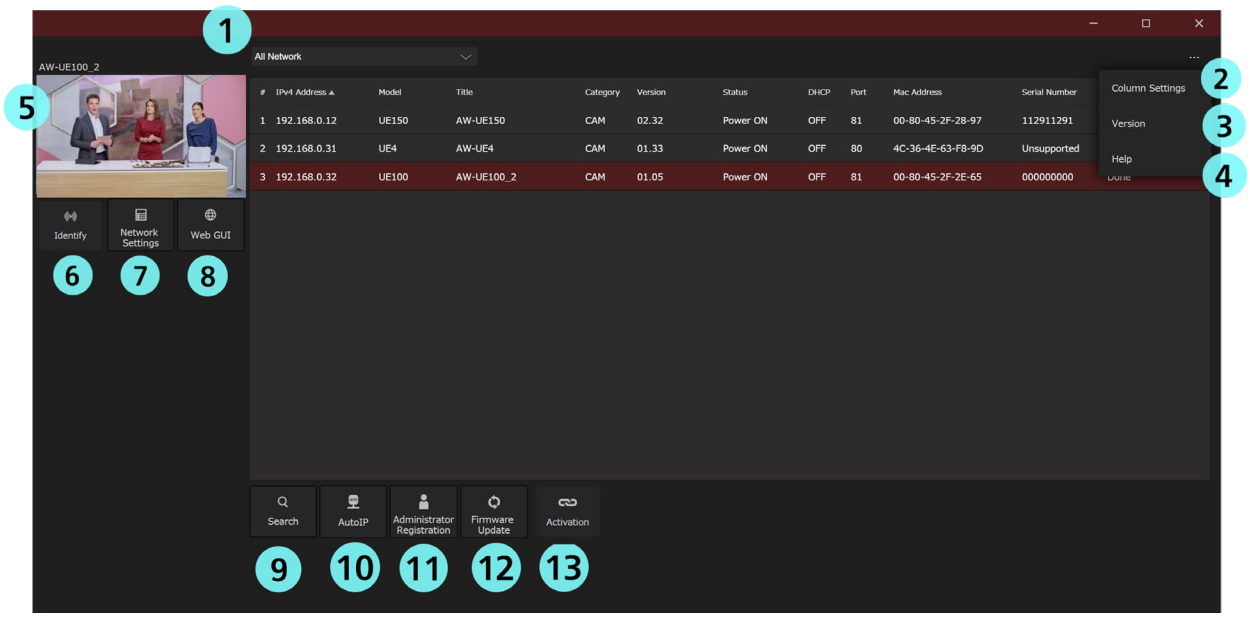


4.EasyIPSetupToolPlus を再起動すると、カメラの検出が正常に行われます。

画面の説明

メイン画面

アプリを起動すると以下の画面が起動します。



① **Network 選択**

検索に使用する Network を設定することができます。

② **Column Settings**

カメラ一覧に表示するカラムを設定することができます。

③ **Version**

バージョン情報を表示することができます。

④ **Help**

本アプリの Help を表示することができます。

⑤ **カメラ映像表示**

指定したカメラの映像を表示することができます。(2fps)

※カメラのユーザー認証が ON の場合、映像を取得することができません。

⑥ **Identify**

指定したカメラの電源ランプを高速点灯することができます。

⑦ **Network Settings**

指定したカメラのネットワーク設定情報を変更することができます。

⑧ **Web GUI**

指定したカメラの Web 画面に遷移することができます。

⑨ **Search**

カメラの検出動作を開始することができます。

⑩ **Auto IP**

指定したカメラの IP アドレスを連続したアドレスに割り当てることができます。

⑪ **Administrator Registration**

指定したカメラに、管理者アカウントを登録することができます。

⑫ **Firmware Update**

接続されたカメラのファームウェアをバージョンアップすることができます。

⑬ **Activation**

各種有償ライセンスのアクティベーションを行うことができます。

カメラ一覧エリア

#	IPv4 Address	Model	Title	Category	Version	Status	DHCP	Port	Mac Address	Serial Number	Administ···	IPv6 Address
1	192.168.0.17	UE100	AW-UE100	CAM	01.06	Power ON	OFF	80	00-80-45-2F-2E-6D	000000000	Done	2001:db8:1234:5678:91ab:cde···
2	192.168.0.15	HE65	AW-HE65	CAM	01.94	Power ON	OFF	81	20-C6-EB-EF-02-4A	S2ZHE4197	Done	fe80:0:0:0:22C6:ebFF:feEF:24A
3	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:cd···

① IPv4 Address

カメラの IPv4Address を表示します。

IPv4 Address をクリックすることで、カメラ一覧を IPv4 Address の昇順、または降順に並び替えることができます。

② Model

カメラのモデル名を表示します。

Model をクリックすることで、カメラ一覧を Model 毎の表示に並び替えることができます。

③ Title

カメラのタイトルを表示します。

Title をクリックすることで、カメラ一覧を Title の昇順、または降順に並び替えることができます。

④ Category

機器カテゴリを表示します。

カメラの場合、CAM と表示されます。

Category をクリックすることで、カメラ一覧を CAM 毎の表示に並び替えることができます。

⑤ FW Version

カメラのファームウェアバージョンを表示します。

※カメラのユーザー認証が ON の場合、情報を取得することができません。

⑥ Status

カメラの状態を表示します。

PowerON：電源 ON　Standby：　スタンバイ状態

※カメラのユーザー認証が ON の場合、情報を取得することができません。

Status をクリックすることで、カメラ一覧を Status 毎の表示に並び替えることができます。

⑦ **DHCP**

カメラのネットワーク設定情報を表示します。

ON：DHCP 設定　OFF：固定 IP 設定

DHCP をクリックすることで、カメラ一覧を DHCP 毎の表示に並び替えることができます。

⑧ **Port**

カメラのポート番号を表示します。

Port をクリックすることで、カメラ一覧をポート番号の昇順、または降順に並び替えることができます。

⑨ **Mac Address**

カメラの MacAddress を表示します。

⑩ **Serial Number**

カメラのシリアル番号を表示します。

※カメラのユーザー認証が ON の場合、情報を取得することができません。

⑪ **Administrator Registration**

管理者アカウントの設定情報を表示します。

Done：設定済み　None：未設定

Administrator Registration をクリックすることで、カメラ一覧を Administrator Registration 毎の表示に並び替えることができます。

⑫ **IPv6Address**

カメラの IPv6Address を表示します。

IPv6 Address をクリックすることで、カメラ一覧を IPv6 Address の昇順、または降順に並び替えることができます。

⑬ **Web 画面への遷移**

ダブルクリックを行うことで、選択したカメラの Web 画面に遷移することができます。

■情報が取得できない場合の表記

Unsupported：情報取得がサポートされていないカメラです。

Unauthorized：カメラの User 認証が ON のため、情報を取得することができません。

--：動作サポート対象外の機器です。

画面操作説明

Column Settings

カメラ一覧に表示するカラムを設定することができます。

■Hidden Items：Main 画面に表示しないカラム

■Display Items：Main 画面に表示するカラム

※Default では、IPv6 Address が Hidden Items となっています。

■操作方法

・Display Item にアイテムを追加する場合

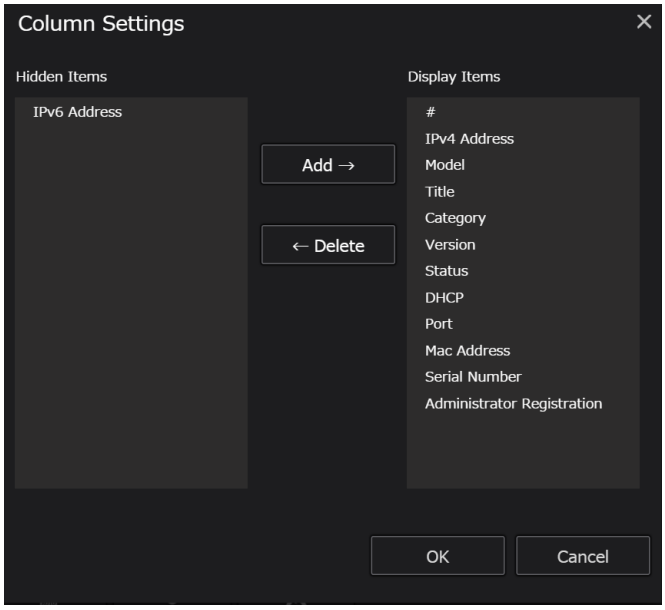
1．Hidden Items のうち、表示したいアイテムを選択します。

2．Add ボタンを押します。

・Hidden Item にアイテムを追加する場合

1．Display Items のうち、非表示にしたいアイテムを選択します。

2．Delete ボタンを押します。



Identify

指定したカメラの電源ランプを高速点灯することができます。

■操作方法

1. 画面右のカメラ一覧より、カメラを選択します。
2. Identify ボタンをクリックします。
3. 電源ランプが高速点灯します。

■注意事項

・電源開始から 20 分が経過したカメラは Identify 機能を利用することができません。

・20 分経過後も操作を行いたい場合、カメラのネットワーク設定で、

Easy IP Setup accommodate period を”Unlimited”に設定してください。

Network Settings

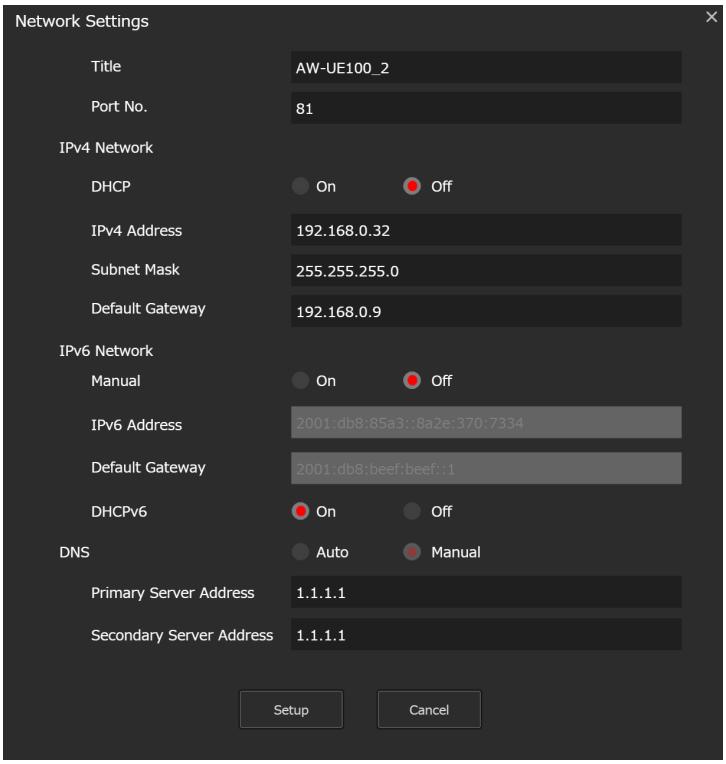
指定したカメラのネットワーク設定情報を変更することができます。

■操作方法

※表示パターンはカメラの機種によって異なります。

・表示パターン①

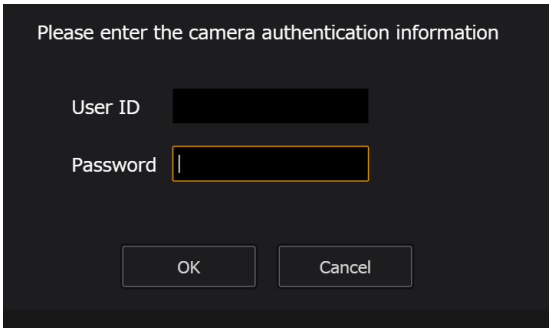
カメラタイトル・ポート番号・IPv4・IPv6・DNS の設定を行うことができます。



1.ネットワーク設定情報を変更します。

2.OK ボタンをクリックすると、設定を開始します。

3.カメラの User ID, Password を入力します。



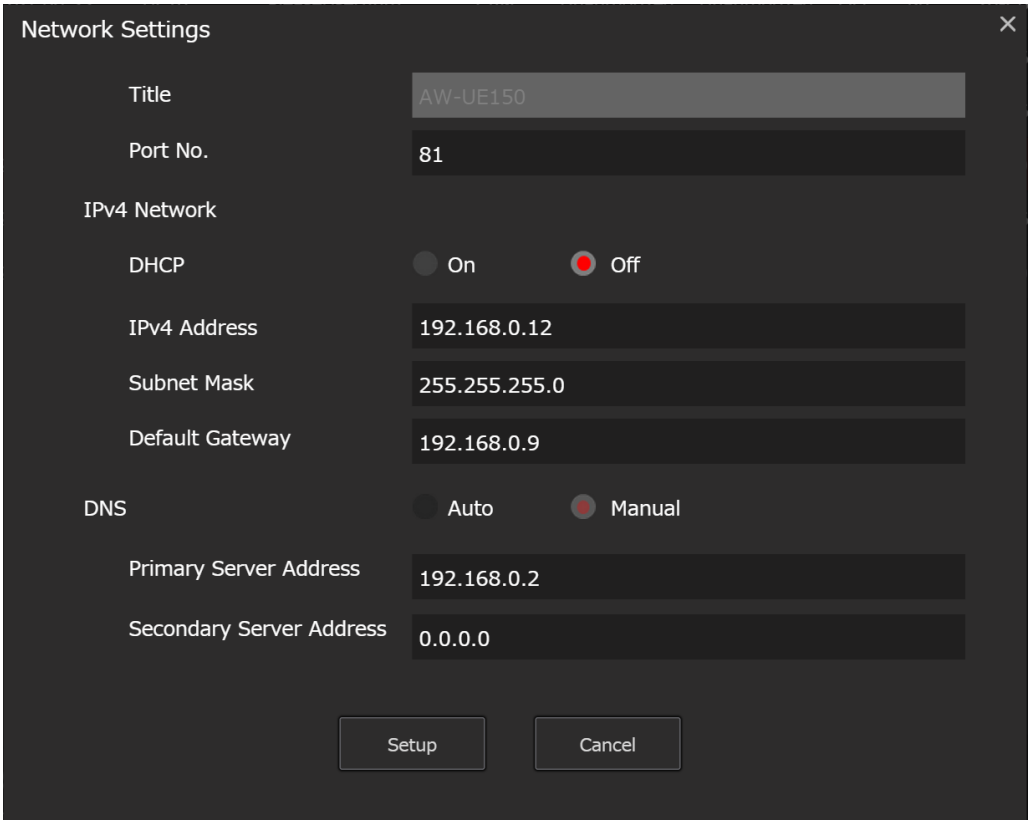
4.設定に成功した場合、”Setup Camera Successfully”と表示されます。

5.設定に失敗した場合、”Fail to Setup Camra”と表示されます。

・表示パターン②

ポート番号・IPv4・DNS の設定を行うことができます。

※カメラタイトルの設定を行うことはできません。



1.ネットワーク設定情報を変更します。

2.OK ボタンをクリックすると、設定を開始します。

3.設定に成功した場合、”Setup Camera Successfully”と表示されます。

4.設定に失敗した場合、”Fail to Setup Camra”と表示されます。

■注意事項

・電源開始から 20 分が経過したカメラは NetworkSettings 機能を利用することができません。

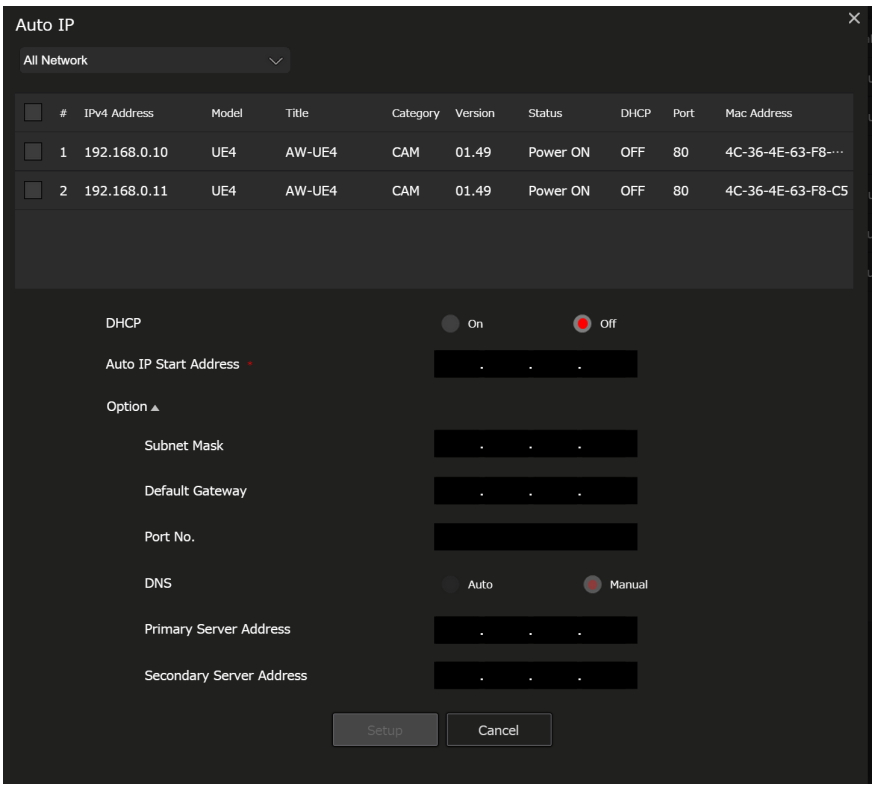
・20 分経過後も操作を行いたい場合、カメラのネットワーク設定で、

Easy IP Setup accommodate period を”Unlimited”に設定してください。

Auto IP

指定したカメラの IP アドレスを連続したアドレスに割り当てることができます。

また、DHCP 設定を一括で切り替えることができます。



■操作方法

1.設定を行うカメラのチェックボックスを選択します。※複数のカメラを選択可能です。

2.DHCP ON/OFF を選択します。

3.AutoIPStartAddress の入力

・DHCP OFF を選択している場合

Auto IP Start Address に、割り当て開始のアドレスを入力します。

例）192.168.0.10 と入力した場合、一覧の上から順に

192.168.0.10, 192.168.0.11, 192.168.0.12…

のように、IP アドレスが設定されます。

※Option 項目として、サブネットマスク・デフォルトゲートウェイ・ポート番号・DNS を設定することができます。Option を選択した場合、全てのカメラに対して値を設定します。

・DHCP ON を選択している場合

カメラ DHCP 設定を ON に設定するため、AutoIPStartAddress は入力することができません。

4.Setup ボタンを押すと、一覧の上から順に設定を開始します。

5.設定に成功した場合、成功したカメラの一覧が表示されます。

6.設定に失敗した場合、失敗したカメラの一覧が表示されます。

■注意事項

・電源開始から 20 分が経過したカメラは AutoIP 機能を利用することができません。

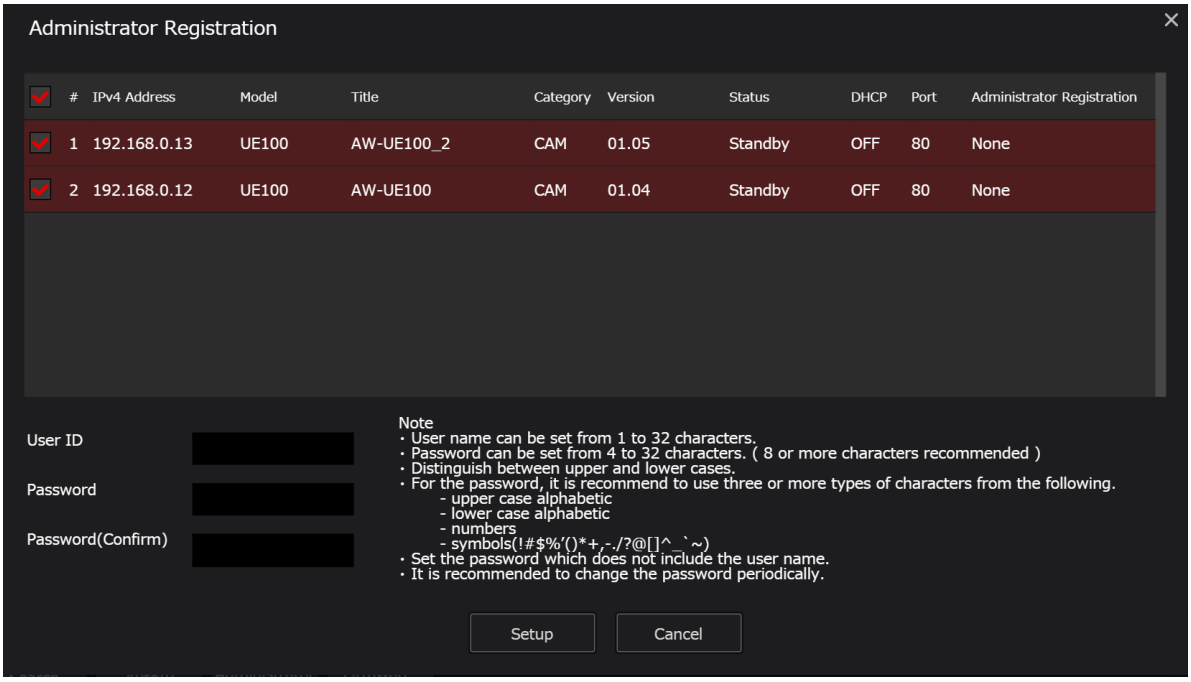
・20 分経過後も操作を行いたい場合、カメラのネットワーク設定で、

Easy IP Setup accommodate period を”Unlimited”に設定してください。

Administrator Registration

カメラの管理者アカウントを登録することができます。

カメラ一覧には、管理者アカウントが登録されていないカメラのみが表示されます。



■操作方法

1.管理者アカウントを登録するカメラのチェックボックスを選択します。

※複数のカメラを選択可能です。

※同じ IP Address のカメラに関して、設定することはできません。

IPAddress が同じである場合、NetworkSettings, AutoIP 機能を利用し、

カメラの IPAddress を変更してください。

2.User Name, Password を入力します。

3.Setup ボタンを押すと、登録を開始します。

4.登録に成功した場合、成功したカメラの一覧が表示されます。

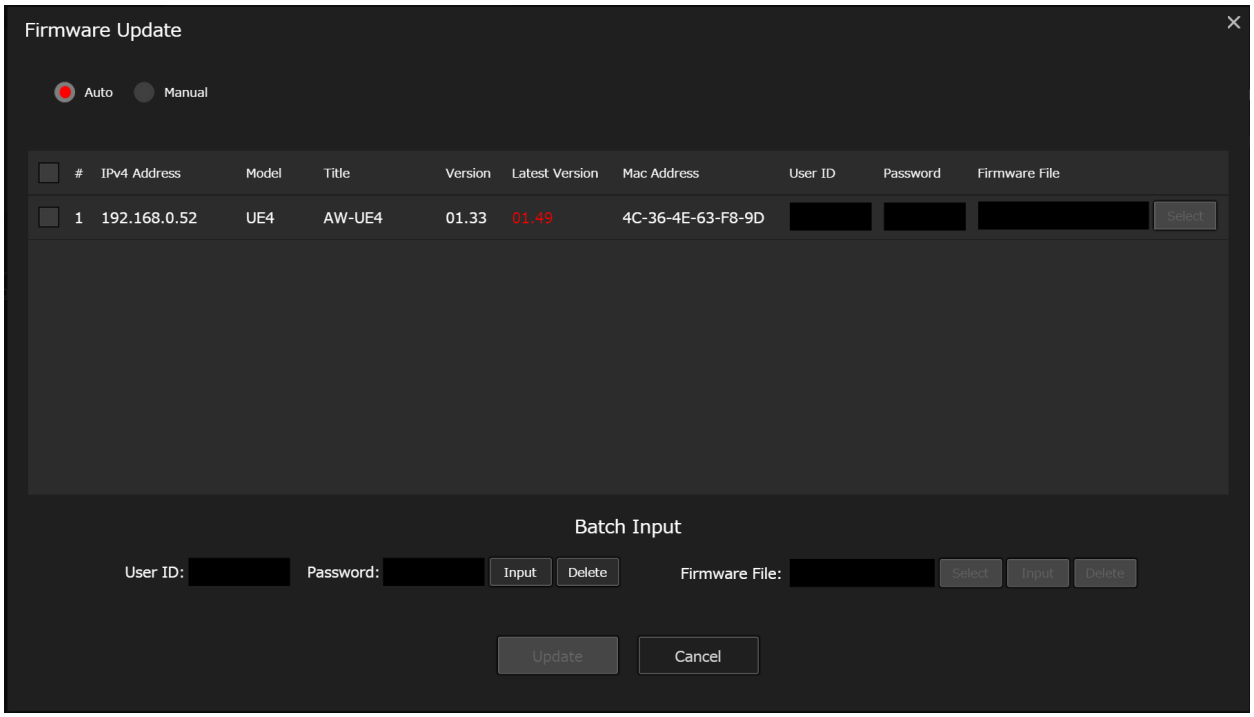
5.登録に失敗した場合、失敗したカメラの一覧が表示されます。

■注意事項

既に管理者アカウントが設定されているカメラに対し、アカウントを登録することはできません。

Firmware Update

接続されたカメラのファームウェアをバージョンアップすることができます。

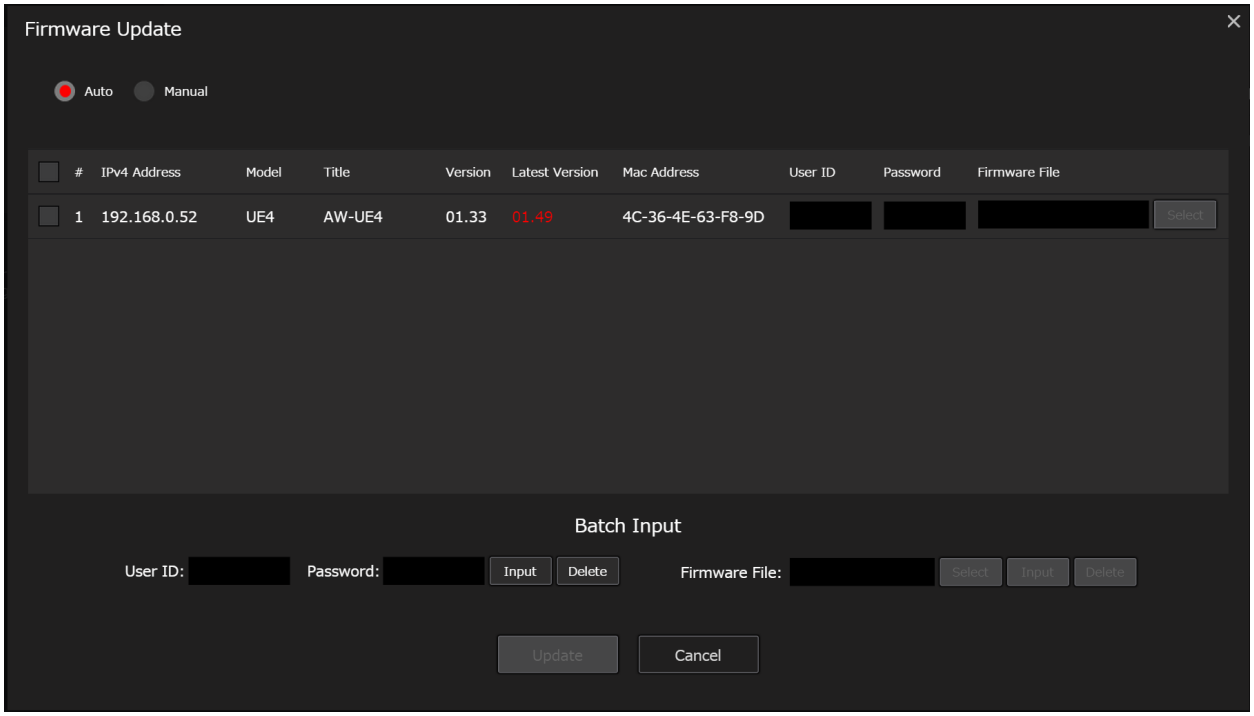


※Latest Version：カメラの最新ファームウェアバージョンを表示します。

インターネットが接続されている時のみ、表示することができます。

■操作方法

・Update Method : Auto の場合



ファームウェアファイルのダウンロードからカメラのバージョンアップまで、アプリが全てを行います。

カメラ一覧には、最新のファームウェアバージョンへのバージョンアップが必要なカメラのみが表示されます。

※Auto メソッドを利用するためには、EasyIPSetupToolPlus を起動している PC がインターネットに接続している必要があります。

バージョンアップ手順

1.バージョンアップを開始するカメラのチェックボックスを選択します。

※複数のカメラを選択可能です。

※同じ IP Address のカメラに関して、設定することはできません。

IPAddress が同じである場合、NetworkSettings, AutoIP 機能を利用し、

カメラの IPAddress を変更してください。

2.User ID, Password をそれぞれ入力します。

一括入力：Batch Input 欄で値を入力し、Input ボタンを押します。

選択されたカメラの UserID, Password を入力することができます。

Delete ボタンを押すと、選択されたカメラの User ID, Password 値をクリアすることができます。

個別入力：カメラ毎に、User ID, Password を入力します。

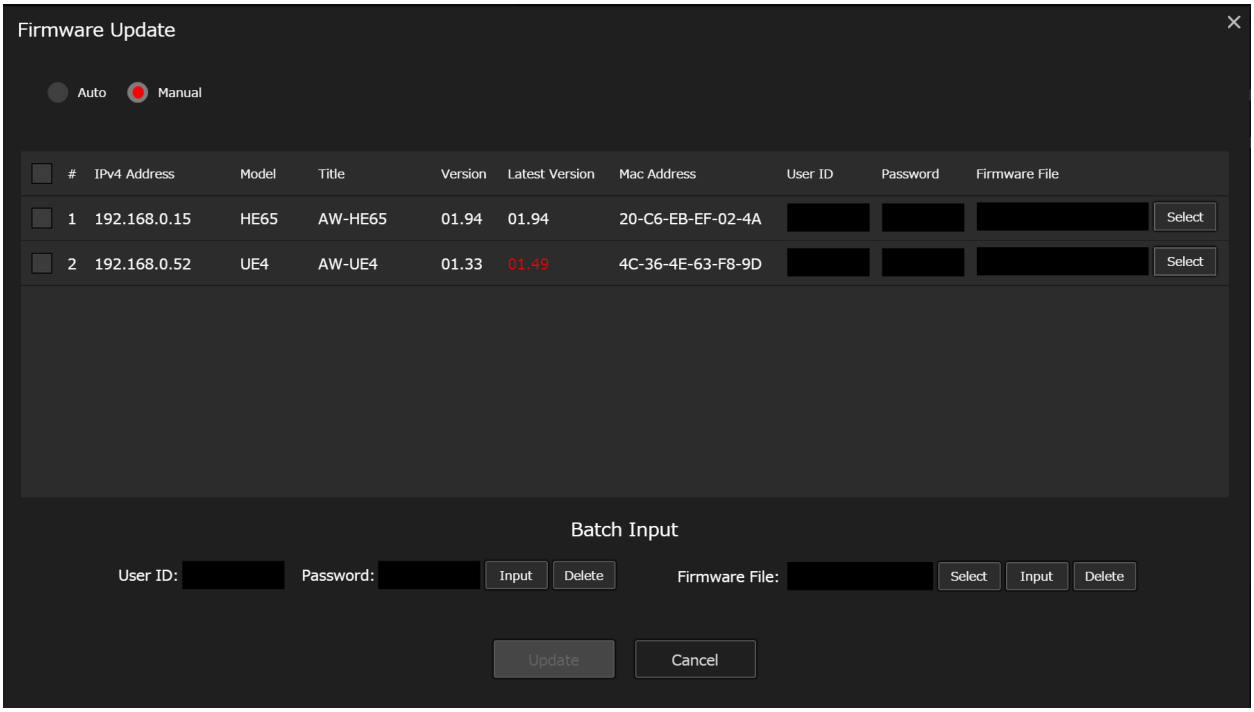
3.Update ボタンを押すと、最新のファームウェアへのバージョンアップを開始します。

※バージョンアップ開始後、アプリでは他の操作ができません。

4.バージョンアップが完了した場合、成功したカメラの一覧が表示されます。

5.バージョンアップに失敗した場合、失敗したカメラの一覧が表示されます。

・**Update Method : Manual の場合**



ファームウェアファイルを PC から選択し、バージョンアップを行います。

カメラ一覧には、バージョンアップ可能なカメラが表示されます。

バージョンアップ手順

1.バージョンアップを開始するカメラのチェックボックスを選択します。

※複数のカメラを選択可能です。

※同じ IP Address のカメラに関して、設定することはできません。

IPAddress が同じである場合、NetworkSettings, AutoIP 機能を利用し、

カメラの IPAddress を変更してください。

2.User ID, Password を入力します。

一括入力：Batch Input 欄で値を入力し、Input ボタンを押します。

選択されたカメラの UserID, Password を入力することができます。

Delete ボタンを押すと、選択されたカメラの User ID, Password 値を

クリアすることができます。

個別入力：カメラ毎に、User ID, Password を入力します。

3.ファームウェアファイルを選択します。

一括入力：Batch Input 欄の Select ボタンを押し、ファイルを選択します。

次に、Input ボタンを押すことで、選択されたカメラのファームウェアファイルを入力することができます。

Delete ボタンを押すと、選択されたカメラのファームウェアファイルをクリアすることができます。

個別入力：カメラ毎に Select ボタンをクリックし、ファームウェアを選択します。

4.Update ボタンを押すと、選択したカメラのバージョンアップを開始します。

※バージョンアップ開始後、アプリでは他の操作ができません。

5.バージョンアップが完了した場合、成功したカメラの一覧が表示されます。

6.バージョンアップに失敗した場合、失敗したカメラの一覧が表示されます。

Activation

各種有償ライセンスのアクティベーションを行うことができます。

※本機能はインターネットが接続されている時のみ、利用することができます。

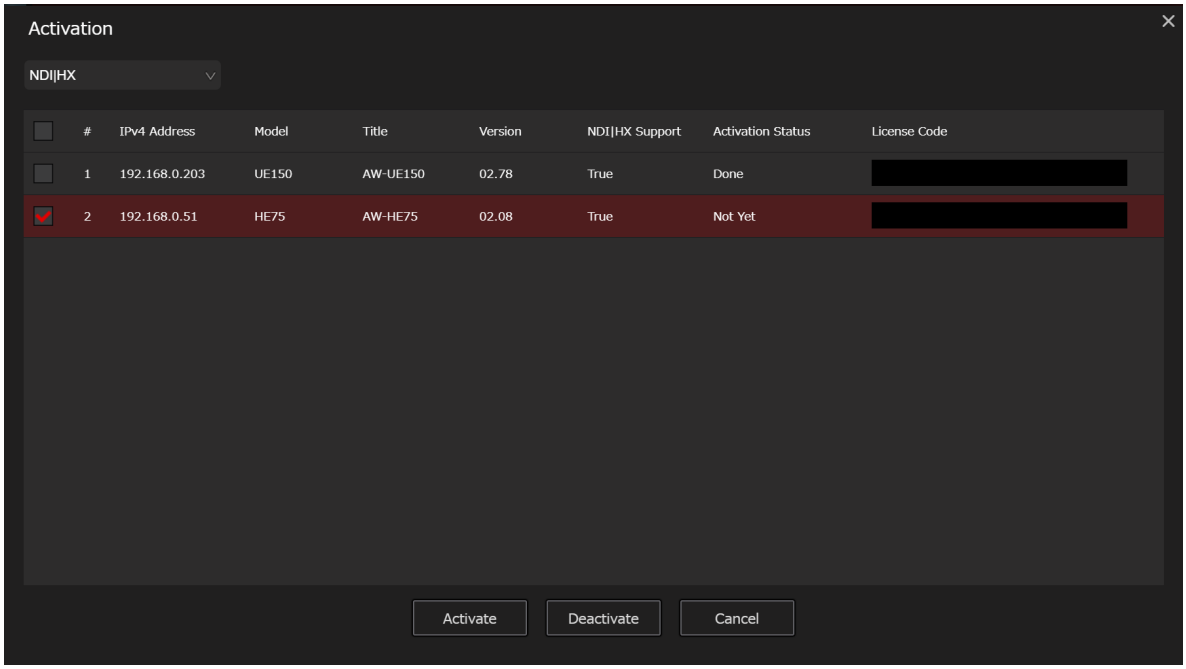
以下のライセンスのアクティベーションを行うことができます。

・NDI｜HX

・MoIP（SMPTE ST 2110）

■NDI｜HX ライセンスのアクティベーション

Activation 画面左上のライセンス選択ボックスで NDI|HX を選択すると、NDI｜HX ライセンスのアクティベーション画面になります。



NDI|HX Support：NDI|HX に対応しているカメラ：True

NDI|HX に非対応のカメラ　　：False

Activation Status：Activation が完了しているカメラ：Done

Activation が未完了のカメラ：Not Yet

Activation 手順

1. Activation を行いたいカメラを選択します。

2. License Code 欄にライセンスコードを入力します。

3. Activate ボタンを押すと、アクティベーションが開始されます。

Deactivation 手順

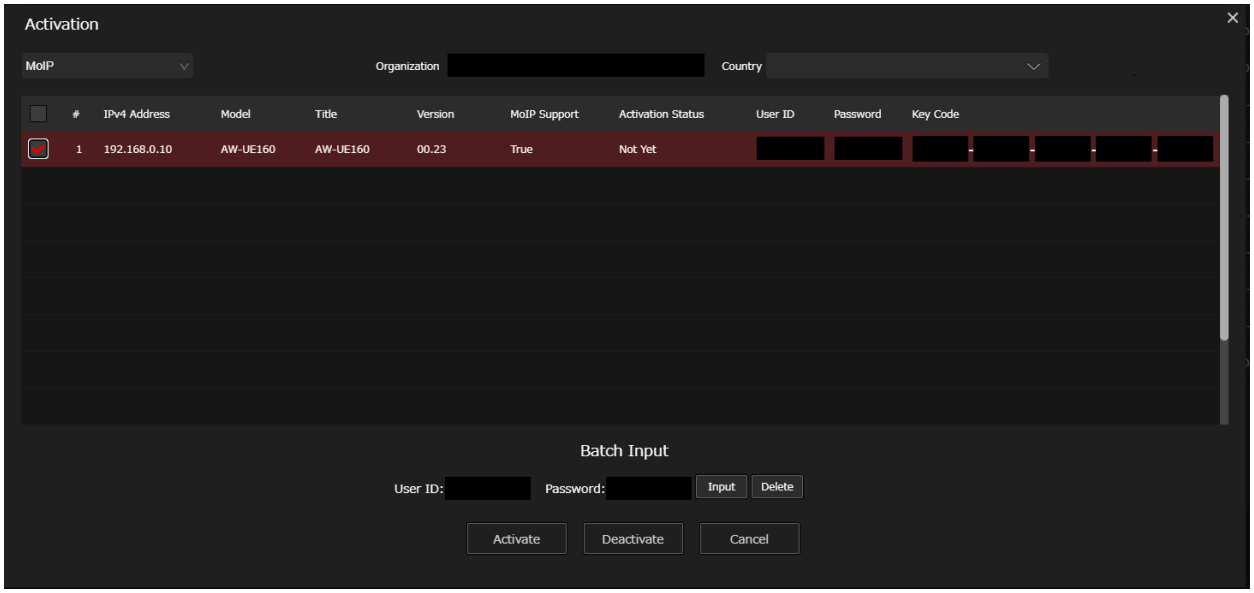
1. Deactivation を行いたいカメラを選択します。

2. License Code 欄にライセンスコードを入力します。

3. Deactivate ボタンを押すと、ディアクティベーションが開始されます。

■MoIP（SMPTE ST 2110）ライセンスのアクティベーション

Activation 画面左上のライセンス選択ボックスで MoIP を選択すると、MoIP（SMPTE ST 2110）ライセンスのアクティベーション画面になります。



MoIP Support：MoIP に対応しているカメラ：True

MoIP に非対応のカメラ　　：False

Activation Status：Activation が完了しているカメラ：Done

Activation が未完了のカメラ：Not Yet

Activation 手順

1. Organization 欄に会社名を入力します。

入力可能な文字：アルファベット、数値、半角スペース

入力可能な文字数：40 文字まで

2. Country 欄で国を選択します。
3. Activation を行いたいカメラを選択します。
4. User ID, Password を入力します。

一括入力：Batch Input 欄で値を入力し、Input ボタンを押します。

選択されたカメラの UserID, Password を入力することができます。

Delete ボタンを押すと、選択されたカメラの User ID, Password 値をクリアすることができます。

個別入力：カメラ毎に、User ID, Password を入力します。

5. Key Code 欄にライセンスキーコードを入力します。
6. Activate ボタンを押すと、アクティベーションが開始されます。

Deactivation 手順

1. Organization 欄に会社名を入力します。

入力可能な文字：アルファベット、数値、半角スペース

入力可能な文字数：40 文字まで

2. Country 欄で国を選択します。
3. Deactivation を行いたいカメラを選択します。
4. User ID, Password を入力します。

一括入力：Batch Input 欄で値を入力し、Input ボタンを押します。

選択されたカメラの UserID, Password を入力することができます。

Delete ボタンを押すと、選択されたカメラの User ID, Password 値をクリアすることができます。

個別入力：カメラ毎に、User ID, Password を入力します。

5. Key Code 欄にライセンスキーコードを入力します。
6. Deactivation ボタンを押すと、ディアクティベーションが開始されます。

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FFmpeg Ver. 4.1.3

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