

## Thermal & Optical BI-Spectrum IR Fast Dome IP CAMERA

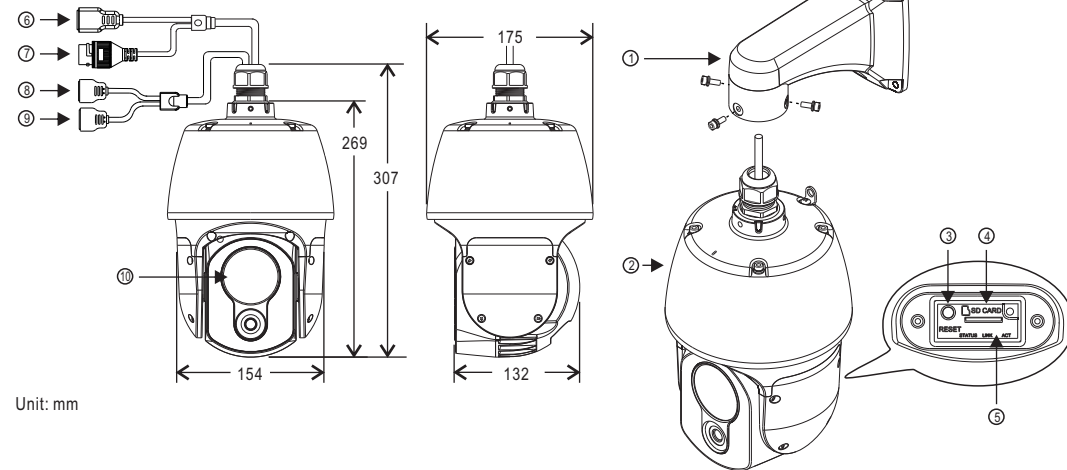
### Installation Guide

66-5A24CSB-2



Warning: Do not throw your product in municipal waste.  
This product has been designed to enable proper reuse of parts and recycling.  
The symbol of the crossed out wheeled bin indicates that the product  
(electrical and electronic equipment) should not be placed in municipal waste.  
Check local regulation for disposal of electronics products.

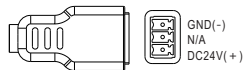
### Part Description & Dimensions



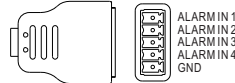
Unit: mm

- ① Camera bracket (Optional)
- ② Camera body
- ③ RESET Key: Restores the camera back to factory default settings.
- ④ Micro SD Card Slot
- ⑤ LED Indicators
- Green (STATUS): Indicates system status.
- Green (LINK): Illuminates when the camera is connected to a network.
- Orange (ACT): Flashes when data communication is in process.

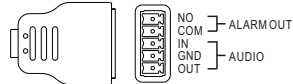
- ⑥ DC24V Power Cable



- ⑦ RJ-45 Network Cable (PoE supported)
- ⑧ Alarm In Cable (Alarm Input Voltage: 5.6V max)



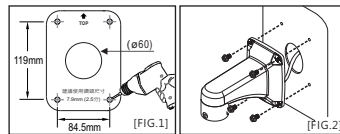
- ⑨ Alarm Out Cable ( Alarm Output: DC40V, 450mW max. )  
& Audio In/Out Cable ( 1.98Vp-p max. )



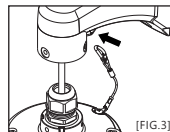
- ⑩ Optical

### Installation

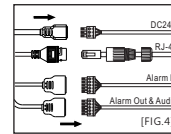
- **Step 1** Secure the bracket base to the wall (Bracket is optional)  
Attach the installation sticker to the wall and drill four holes according to the instructions (FIG.1). Tighten four bolts to secure the base to the wall (FIG.2).  
Note:  
1. The recommended length of the wall-mounted screw is Ø6\*L38mm(1.5") or more.  
2. The bolts are not included in the package.



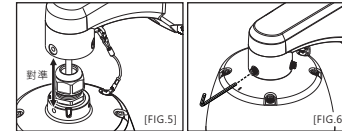
- **Step 2** Secure the safety strap  
To prevent the camera from falling, you should secure the safety strap. Properly secure the safety strap to the bracket (FIG.3).



- **Step 3** Connect the control wires  
Connect the DC power connector, RJ-45 cable and control wire (FIG.4).



- **Step 4** Attach the camera body to the bracket  
Align the camera body with the bracket before tightening the bracket bolts (FIG.5). Then tightening the bracket bolts (FIG.6).  
Note: Please use the M5 screws, from camera's accessory bag.



Note: The above procedure is the recommended installation method, and can be adjusted according to the instructions provided with the actual junction box.

### Before Accessing IP Cameras

Before accessing the IP camera, make sure that the camera's RJ-45 network, audio, and power cables are properly connected. To set the IP address, consult your network administrator for an available IP address. The default IP address for each IP camera is 192.168.0.200. Users can use the default IP address for verifying the camera's network connection.

### Emergency Factory Default

To restore the hardware to factory default settings, please follow these steps:

- 1.Press and hold "SERVICE Key" for 10 seconds and release.
- 2.Wait for about 40 seconds, and the network LED light should turn off, and go back on again.
- 3.The camera is now restored to factory default settings, and will reboot automatically.
- 4.Search for the IP device using the IPScan software.
- 5.Start the IP device via an Internet browser.
- 6.Enter the username and password to operate.

**NOTE1:** The factory default username and password are empty, and the user can set an account for login.

**NOTE2:** The IP address will revert to the default setting of 192.168.0.200.

### Software Requirements

Universal ActiveX software components are required for web interface display of JPEG or Full HD video. When you login to the IP camera by Internet Explorer, the security warning dialog box will prompt the installation of the Universal ActiveX. Click **Install** to download it.

### Configuring IP Addresses via Web Interface

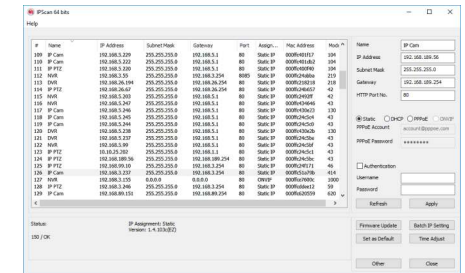
To change an IP address via web interface, type the default IP address (192.168.0.200) in the Internet browser and follow the steps below:

1. Login to the IP camera with the set username and password.
2. Click **Basic Mode** configuration hyperlink.
3. Click **Network->General** hyperlink.
4. Change the IP address, subnet mask, gateway, or HTTP port for the IP camera.
5. Click **Submit** to verify the settings.

### Configuring IP Addresses with IPScan Software

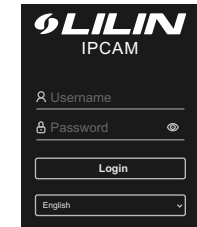
To change the settings of the IP address, subnet mask, gateway, or HTTP port, you can follow the steps below:

1. Run the IPScan software.
2. Click **Refresh**. All available devices should be listed in the device list.
3. Select your device from the list provided.
4. Change the IP address, subnet mask, gateway, or HTTP port for the IP camera.
5. Click **Apply** to submit the settings.
6. Click **Refresh** to verify the settings.



### Login

The factory default username and password are empty. To login to the IP camera, please set the username and password on the login page. Press [Login] to complete the setting and login simultaneously.



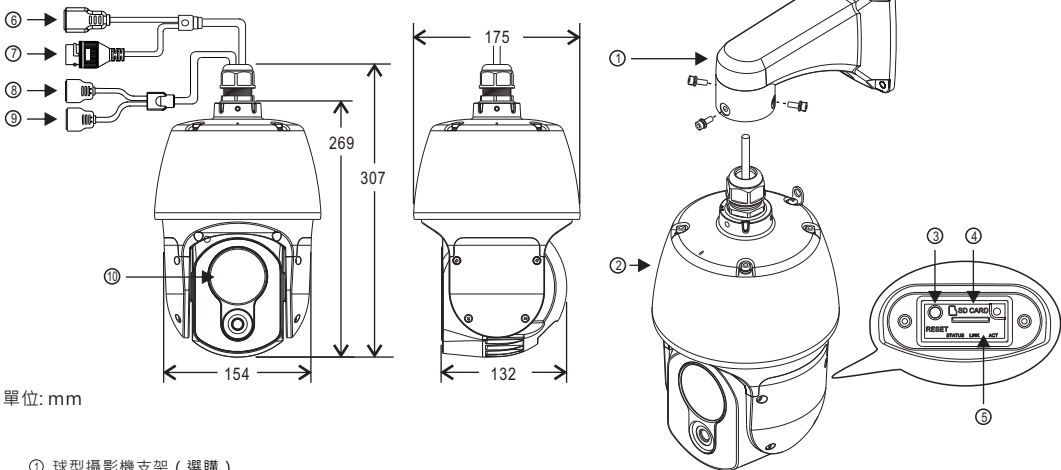
Password have to meet the following criteria:

1. More than or equal to 8 characters.
2. Allow uppercase letter, lowercase letter, number digit, and special character.
3. Must have at least three types of character sets.



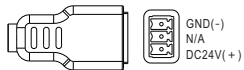
## 安裝說明

### 部件說明及尺寸

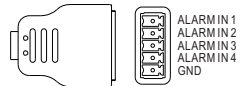


單位: mm

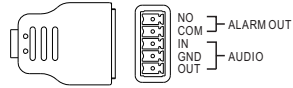
- 球型攝影機支架 (選購)
- 球型攝影機主體
- 恢復出廠預設值按鍵
- Micro SD卡插槽：支援Micro SD及SDHC卡
- 指示燈  
綠色 (STATUS燈號)：系統狀態顯示  
綠色 (LINK燈號)：網路線接上時，此LED恆亮。  
橙色 (ACT燈號)：資料通訊時，此LED閃爍。
- DC24V電源端子



- RJ-45網路連接端子 (支援PoE供電)
- 警報輸入端子 (警報輸入點電壓5.6Vmax)



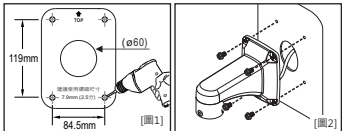
- 警報輸出端子 (警報輸出規格DC40V, 300mA max.)  
& 聲音輸入/輸出端子 (Audio In/Out, 1.98Vp-p max.)



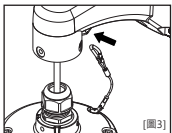
- 光學鏡頭

## 安裝

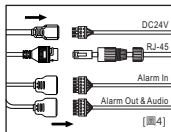
- 步驟1** 將支架固定於牆壁 (支架為選購)  
先將安裝孔位貼紙黏貼於牆上欲安裝之位置並鑽孔 (圖1)，再將支架底座對準孔位鎖入4顆螺絲固定於牆壁 (圖2)。  
註：1. 壁掛螺絲長度建議  $\varnothing 6 \times L38\text{mm}$  (1.5") 以上  
2. 螺絲非配件，請使用者自行處理。



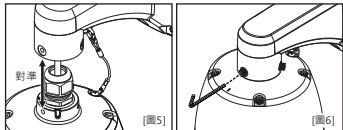
- 步驟2** 固定安全吊繩  
將攝影機主體的安全吊繩扣在支架上，避免掉落 (圖3)。



- 步驟3** 連接控制線組  
依序將電源連接線、RJ-45網路連接線及控制線組連接完成 (圖4)。



- 步驟4** 將攝影機主體與支架結合固定  
對準前方螺絲孔將攝影機主體與支架結合再將支架螺絲鎖緊固定 (圖5&圖6)。  
註：支架螺絲請使用攝影機配件包內的M5螺絲。



註：以上步驟為建議的安裝方法，可依實際搭配的接線盒說明作調整。

## 安裝前準備

在使用網路攝影機之前，請先確認攝影機RJ-45網路接頭和電源接頭是否接妥，並請網管人員提供一組未經使用的IP位址。  
出廠預設IP位址為192.168.0.200，使用者可以先行使用該IP位址去更改相關網路設定。

## 回復出廠預設值

- 使用硬體來回復出廠預設值，請按照下列步驟：
- 按住「回復出廠預設值按鍵」10秒鐘。
  - 約40秒鐘後網路連接LED燈將熄滅再點亮。
  - 網路伺服器將重新開機。
  - 使用IPScan軟體搜尋此IP設備。
  - 使用網路瀏覽器開啟此IP設備。
  - 輸入預設使用者名稱及密碼進行操作。
- 註1：**出廠預設的使用者名稱和密碼為空白，由使用者自行設定輸入。  
**註2：**為方便使用者起見，回復出廠預設值會回復到預設IP位址192.168.0.200。

## 軟體需求

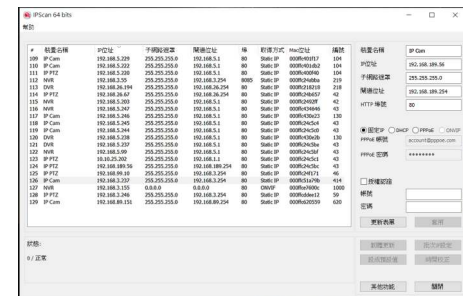
網路攝影機需要軟體解壓縮顯示影像，網路攝影機的網頁介面需使用該軟體。當您第一次登錄本產品，網路攝影機的網頁介面會自動安裝Universal ActiveX元件，請按下「安裝」鍵安裝該元件。

## 使用HTML頁面來設定IP位址

- 請先在網路瀏覽器網址列，輸入預設IP位址192.168.0.200，並按照下列步驟執行，使用HTML頁面來更改IP位址：
- 設定使用者名稱及密碼，登錄網路攝影機
  - 按「組態設定」超連結
  - 按「網路設定」「一般設定」超連結
  - 輸入或修改IP位址、子網路遮罩、網路閘道(Gateway)或HTTP連接埠
  - 按「確認」鍵，完成上述修改

## 使用IPScan軟體工具來設定IP位址

- 您可以使用IPScan(網路設備搜尋軟體)工具來設定IP位址。要更改IP位址、子網路遮罩、網路閘道，或HTTP連接埠，請參照下列步驟：
- 執行IPScan軟體工具
  - 按「更新表單」鍵，區域網路內的所有設備將顯示在設備清單欄位
  - 用滑鼠點選該設備
  - 編輯或修改該設備之IP位址、子網路遮罩、網路閘道(Gateway)或HTTP連接埠等欄位
  - 按「套用」鍵來更改該設定
  - 按「更新表單」鍵來驗證該設定



## 登入

出廠預設的使用者名稱和密碼為空白。欲登入網路攝影機，請在登入頁面，設定使用者名稱及密碼並按下確認鍵，可同時完成使用者設定並登入。



- 密碼強度要求：
- 密碼長度需要8個字以上。
  - 密碼必須包含英文字大寫、小寫、數字及特殊符號。
  - 密碼必須強制使用至少3種文字型態