

D/N WDR HD Fast Dome IP CAMERA

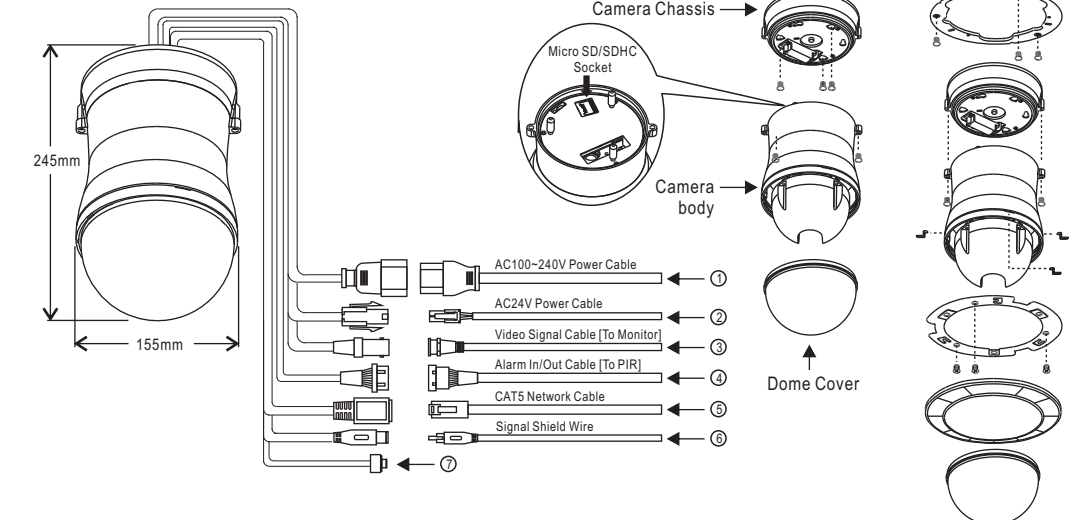
Installation Guide



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.

66-5204CSB-1

Part Description & Dimensions



- AC100~240 Power Cable
- AC24V Power cable

Recommended cable:

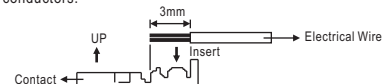
Copper Wire (AWG)	#24 (0.22mm ²)	#22 (0.33mm ²)	#20 (0.52mm ²)	#18 (0.83mm ²)
Cable Length (approx.)				
(m)	20	30	45	75
(ft)	65	100	160	260

Accessory Connector Information

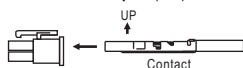
	PIN	Power
4	1	AC24V Live (Black)
3	2	AC24V Neutral (White)
2	3	Earth (Green)
1	4	NA

Assemble the Cable with the Accessory Connector

a. strip back the cable jacket approx. 3mm and separate the individual conductors.

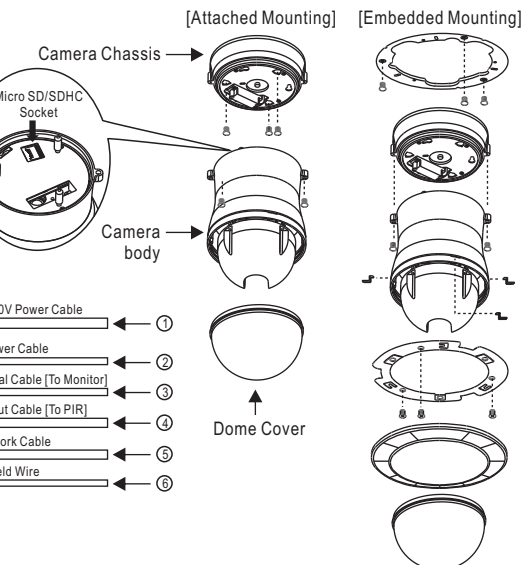


b. Prepare the individual conductors for clamping. After clamping the contacts, push them into the proper holes in the accessory connector of this camera until they snap in place.



CAUTIONS : CONNECT THIS TO 24V AC CLASS 2 POWER SUPPLY ONLY.

- Video Out BNC Jack
Video signal output: CVBS 1.0Vp-p 75Ω BNC
Recommended cable: CABLE 5C2V



- Alarm In/Out connector
Every camera provides 6 alarm inputs and 1 alarm output
Voltage for alarm inputs: 5.6Vmax; alarm output: 1A24VDC
Recommended cable: UL 26AWG 80°C 300V
UL 24AWG 80°C 300V



Alarm Out: Reset (Pink)
NC (Brown)
NO (Gray)
COM. (White)

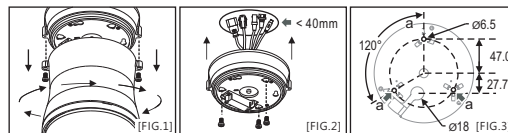
Alarm In: GND (Black)
IN6 (Red)
IN5 (Green)
IN4 (Orange)
IN3 (Blue)
IN2 (Yellow)
IN1 (Violet)

- RJ-45 network connector
LAN: 10/100Mbps
Recommended cable: CAT5
- Audio In/Out RCA Jack
Audio signal: 1.4Vp-p(1 Vrms)
Recommended cable: shielded signal cable
- Reset button

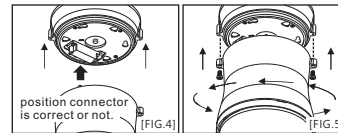
Installation

● Embedded Mounting

- Retrieve the camera and remove the camera body from camera chassis (FIG.1). Set all of control cable on middle position and through the hole of ceiling. Install rubber cover on the cable outlet of base, or set control cable on the cable outlet of base. Use the screws through the holes marked as "a", and fix the camera chassis in the desired location (FIG.2 & 3).

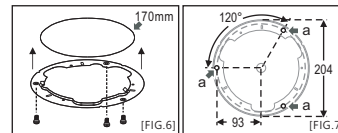


- Connect the AC power connector, RJ-45 cable and control cable wire. Secure the camera body to the camera chassis (FIG.4 & 5) and finish the installation.

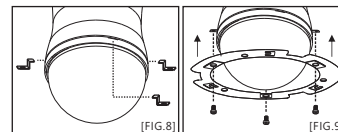


● Embedded Mounting

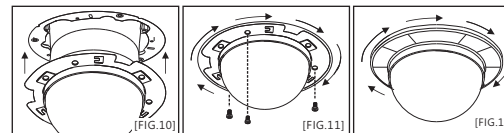
- Use the screws through the holes marked as "a", and fix the ring in the desired location (FIG.6 & 7).



- Put on the three L shape screw nuts (FIG.8), and secure the fix ring to the L shape screw nuts (FIG.9).



- Connect the AC power connector, RJ-45 cable and control cable wire. Secure the camera body and fixing ring to the ring (FIG.10 & 11), and put on decoration ring to finish the installation (FIG.12).



Note : After dome cover is attached, use glass-cleaning cloth to clean dome cover. Unclean dome cover may affect camera performance.

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:

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

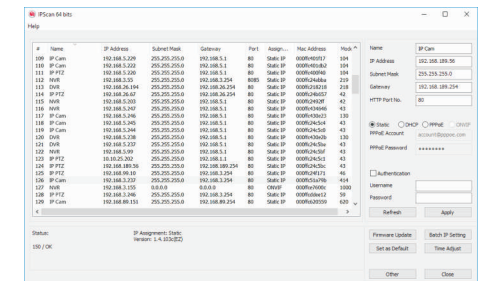
To change an IP address via web interface, type the default IP address (192.168.0.200) in the Internet browser and follow the steps below:

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

Configuring IP Addresses with IPScan Software

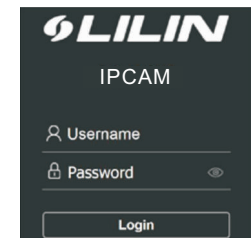
To change the settings of the IP address, subnet mask, gateway, or HTTP port, you can follow the steps below:

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



Login

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



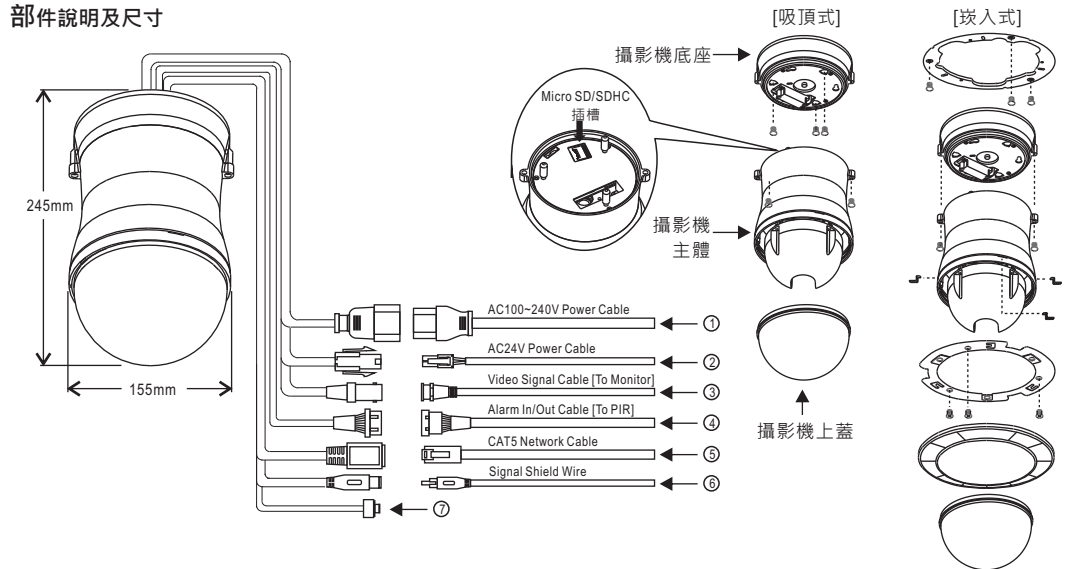
Password have to meet the following criteria:

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

日夜兩用寬動態高畫質高速球型網路攝影機

安裝說明

部件說明及尺寸



- ① AC100~240V交流電纜
- ② AC24V電源端子

建議使用線材規格尺寸：

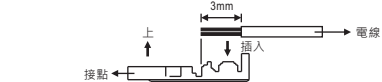
銅線規格 (AWG)	#24 (0.22mm ²)	#22 (0.33mm ²)	#20 (0.52mm ²)	#18 (0.83mm ²)
電纜長度 (約)	(米) 20	30	45	75
	(英尺) 65	100	160	260

插頭資訊

接腳號	電 源
1	24V交流火線(黑色)
2	24V交流零線(白色)
3	地線(綠色)
4	未使用

電纜與附件插頭組裝方式

- a. 將電纜與外皮剝開大約3mm並從單根導線上除掉外皮，將單根導線插入附件插頭並夾緊。

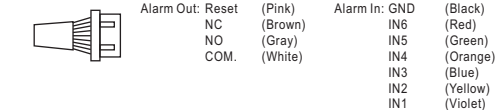


- b. 夾緊接點後，將其推插入本攝影機附件插頭的相應孔內，直至其發生卡嗒聲。



- ③ 影像輸出端子 (Video Out)
影像信號輸出 CVBS 1.0Vp-p 75Ω BNC
建議使用線材規格：CABLE 5C2V

- ④ 警報輸入/輸出 (Alarm In/Out)
每一台快速球型攝影機提供6個外部警報輸入點及1個警報觸發輸出
警報輸入點電壓5.6Vmax，警報輸出規格1A 24VDC
建議使用線材規格：UL 26AWG 80°C 300V
UL 24AWG 80°C 300V

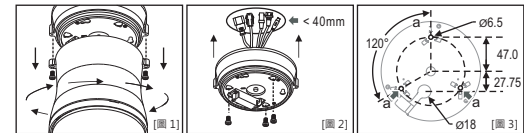


- ⑤ RJ-45網路連接端子
LAN: 10/100Mbps
建議使用線材規格：CAT5
- ⑥ 聲音輸入/輸出端子 (Audio In/Out)
聲音信號：1.4Vp-p(1Vrms)
建議使用線材規格：信號隔離線
- ⑦ 回復工廠預設值按鍵

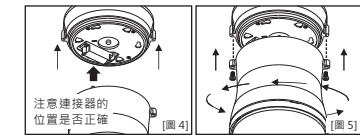
安 裝

● 吸頂式安裝

- 1. 首先取出網路攝影機，將攝影機主體卸下 (圖1)。將控制線組調整於中間位置穿過天花板的圓孔，底座的出線口裝入橡皮遮蔽；或將控制線組調整於底座旁的出線口位置。再使用螺絲經由標示為“a”的螺絲孔，將攝影機底座固定在所需的位置上 (圖2&3)。

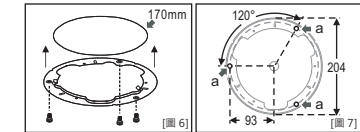


- 2. 依序將電線連接線、RJ-45網路連接線及控制線組連接完成，接著再將攝影機主體鎖回底座 (圖4)，完成網路攝影機安裝。

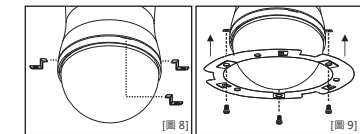


● 嵌入式安裝

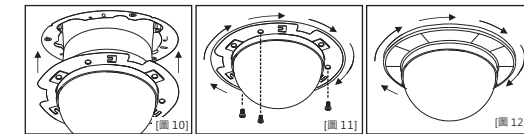
- 1. 使用螺絲經由標示為“a”的螺絲孔，將固定環固定在所需的位置上 (圖6&7)。



- 2. 將3片固定片插入網路攝影機 (圖8)，再將安裝環與固定片結合固定 (圖9)。



- 3. 依序將電線連接線、RJ-45網路連接線及控制線組連接完成。將攝影機主體及安裝環鎖回固定環 (圖10&11)，接著再裝入裝飾環完成網路攝影機安裝 (圖12)。



註：請於安裝完成後，使用乾淨的布將透明圓形罩擦拭乾淨。

安裝前準備

在使用 Full HD IP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受，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：

- 1. 按住「回復出廠預設值按鍵」10秒鐘。
- 2. 約40秒鐘後網路連接LED燈將熄滅再點亮。
- 3. 網路伺服器將重新開機。
- 4. 使用IPScan軟體搜尋此IP設備。
- 5. 使用網路瀏覽器開啟此IP設備。
- 6. 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

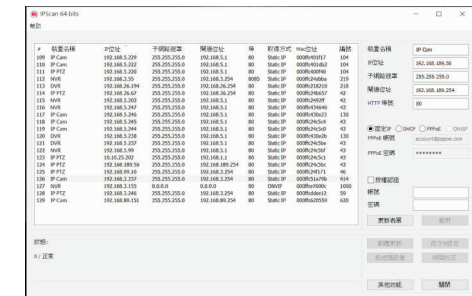
Full HD 網路攝影機需要軟體解壓縮器顯示影像，Full HD 網路攝影機的網頁介面需使用該軟體。當您第一次登錄本產品，Full HD 網路攝影機的網頁介面會自動安裝Universal ActiveX元件，請按下「安裝」鍵安裝該元件。

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：
- 1. 設定使用者名稱及密碼，登錄 Full HD IP攝影機
- 2. 按「組態設定」超連結
- 3. 按「網路設定」「一般設定」超連結
- 4. 輸入或修改IP位址、子網路遮罩、網路閘道(Gateway)或HTTP連接埠
- 5. 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：
- 1. 執行IPScan軟體工具
- 2. 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
- 3. 用滑鼠點選該設備
- 4. 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
- 5. 按「套用」鍵來更改該設定
- 6. 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Full HD 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：

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