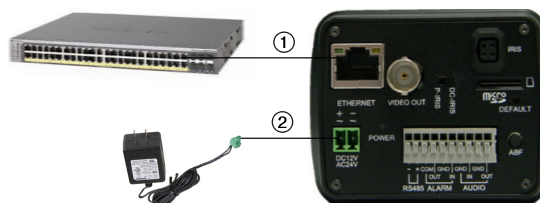


### A. Connect the Camera

1. Insert a cable in the RJ45 connector to attach to the network switch for a 10/100 Mbps Ethernet and PoE connection.
2. If not using PoE, use a properly rated 12VDC/24VAC power supply.

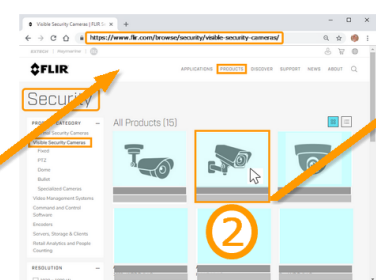


### B. Download Camera Documentation and Utility Software



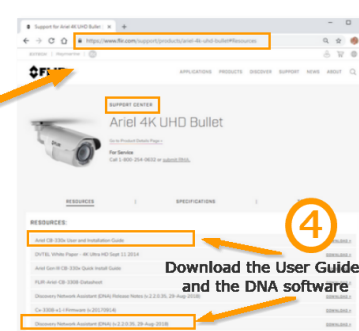
Use the QR code to go to [www.flir.com/browse/security](http://www.flir.com/browse/security) web page

1



On the web page, go to Products/Visible Security Cameras, and pick the camera you are using

3 From the Camera page, go to the Support page.



Download the User Guide and the DNA software



### C. Prepare and Install the Camera

#### C.1 Insert and Configure the microSD Card

A microSDXC card (not supplied) must be inserted in the card drive on the connector panel in order to locally store a snapshot or recording triggered by an event. To install a microSDXC card:

1. Insert a microSDXC card (up to 128GB, Class 10) in the card drive.
2. Verify that the card status is displayed as mounted in the System > Events Handler > SD Card screen.
3. Format the card.
4. Configure the camera to store snapshots and recordings from the System > Events Source screens.

#### C.2 Install the camera

1. Verify that the operating temperature range is between -20° C ~ 50° C (-4° ~ 122° F), 0-90% relative humidity (non-condensing).
2. Mount the camera at the site. Be sure to have the required accessories and tools available.
3. Refer to the User Guide as necessary.

### D. Discover the Camera



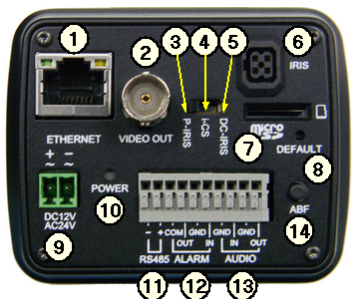
The camera's web interface can be accessed by Internet Explorer 10 and higher (32-bit) with the ActiveX plug-in and by browsers that do not require ActiveX, such as Microsoft Edge, Chrome or Firefox, on PCs running 64-bit Windows 7, 8, 8.1, or 10.

#### Set the Camera's IP address and Video Format

1. Download and install the DNA Utility as shown above
2. Attach the unit to the same LAN segment as the computer that is managing the unit. DNA automatically discovers the unit on the network and displays the device's current IP address in the Discover List.
3. Select the unit from the Discover List.
4. If using a Static IP address (as on a Latitude System), follow the DNA instructions to set the desired IP address.
5. On a system using DHCP, select the DHCP option in DNA.
6. To select PAL or NTSC, select the device in the Discover list, right-click to open the context menu and clicking *Change Video Format*.
5. Click Update.

## E. Configure RS485 and Inputs/Outputs

Connect the Camera Inputs and Outputs as required.



1	ETHERNET	RJ45 port for Network and Power over Ethernet (PoE) connection
2	VIDEO OUT	BNC connector for analog video outout.
3	P-IRIS	Move toggle switch to left side to enable use of P-Iris lens.
4	i-CS	Move toggle switch to middle to enable use of i-CS mount lens.
5	DC-IRIS	Move toggle switch to right side to enable use of DC-Iris lens. Also use this setting for Manual lenses.
6	IRIS	Connector for attaching cable from lens.
7	microSD	microSD card drive supporting microSDXC card (up to 128GB). The card is not included.
8	DEFAULT	Button to reboot the unit to full factory defaults. Network settings are not saved.
9	DC12V/AC24V	Male two-pin terminal block connector for attaching optional 12VDC or 24VAC power supply.
10	POWER	LED indicating Power On. The LED flashes green to indicate power on and network activity. The link is not illuminated if there is no network activity.
11	RS485	Spring input terminals on terminal block for Positive (+) and Negative (-) wires from device attached via RS-485 serial connection.
12	ALARM	Spring input terminals on terminal block for COM, Ground, Alarm In, and Alarm Out wires.
13	AUDIO	Spring input terminals on terminal block for two Ground, Alarm In, and Alarm Out wires.
	ABF	Press the button to activate Auto Back Focus. This button activates the One-Push AF feature on the System >Lens Control screen.

## F: Attach and Adjust the Lens

- Remove the plastic insert covering the threaded camera lens mount.  
Do not touch the sensor or allow dust to accumulate in the lens mount.
- If you are using a C-mount lens, screw a 5mm adapter ring into the C-Mount to convert it to a CS-Mount.
- Align the lens threads into the lens mount and screw in the lens.
- If you are using a manual lens, set the desired focus and zoom.
- Depending on the lens in use, set the toggle switches (E.3,4,5 above) appropriately.
- On automated lenses, connect the lens cable, and set the initial adjustments manually and then use the web page or press the ABF button to complete the setup.

System > Lens Control

**Zoom Control**

Manual 1

Absolute 
Wide
Tele

**Focus Control**

Auto Back Focus

One-Push ABF Start

Note: Auto Back Focus is not a substitute for Zoom and Focus functions on the lens. For best results, manually adjust the zoom and focus on the lens per the manufacturer's specification, then click Start

Manual 0.00

Absolute 
Far
Near

Step 8

Reset Lens

Reset

## G. Attach to VMS

Once you have completed installation and found the current IP address with DNA, use your VMS Discovery/Attach procedures to attach the camera to your VMS.



The World's Sixth Sense™ CF-6308\_Q/Gv2

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