



710 Series Turret
510 Series Turret
IP Surveillance Camera

Quick-Start Guide

Box Contents

- Camera
- Self-adhesive mounting template
- 4 × wall anchors with screws
- Hex wrench
- CC tester cable

You must provide:

- A network connection (and an NVR, if desired)
- Admin rights to a computer that can access the network
- Mobile device with Luma Surveillance mobile app (recommended) or CCTV tester
- Power source: PoE or 12V DC
- Phillips screwdriver



WARNING: This product can expose you to chemicals including cadmium, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Read this *before* you go on site!

Install your camera with a connection to the Internet via your NVR or through a network router. **This allows you to use OvrC**, a powerful remote maintenance tool (see OvrC.com) and lets you use the Luma Surveillance mobile app to check on the camera from anywhere.

For installation using this guide, you must be able to access this camera through a personal computer. If your surveillance system is not on a network, you'll have to use the NVR's local interface for installation. See the NVR user's manual for details.

The web UI manual and other materials can be found on the product page at SnapAV.com.

Safety Tips

- Handle this device with care.
- Do not strike or shake this device.
- Protect the power cord from being stepped on or pinched, particularly where it connects to the device and the power outlet.
- Do not operate this device beyond its specified power ratings.
- Do not use this device near any heat sources such as radiators, heat registers, stoves, or other such heat-generating equipment.
- The performance and lifespan of the camera is affected by temperature. For best results, use this device in temperatures ranging from -20–140 °F.
- Clean this device with a dry cloth. Do not use strong or abrasive detergents when cleaning the device, especially the lens. If dirt is hard to remove, use a mild detergent and wipe gently.
- Save a copy of the configuration settings. This helps when changing the configuration, when upgrading the device, or with recovery if unexpected failure or trouble occurs.

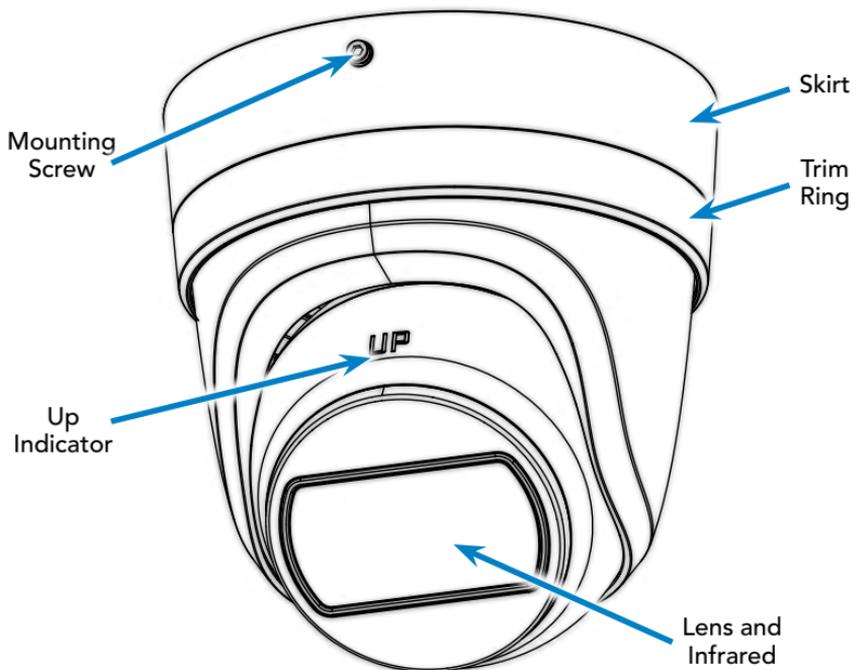
Precautions

Before you start, ensure that the device is in good condition and all the assembly parts are included. **Also ensure that your recorder has the very latest firmware.** Use OvrC to update the firmware, or consult your NVR manual.

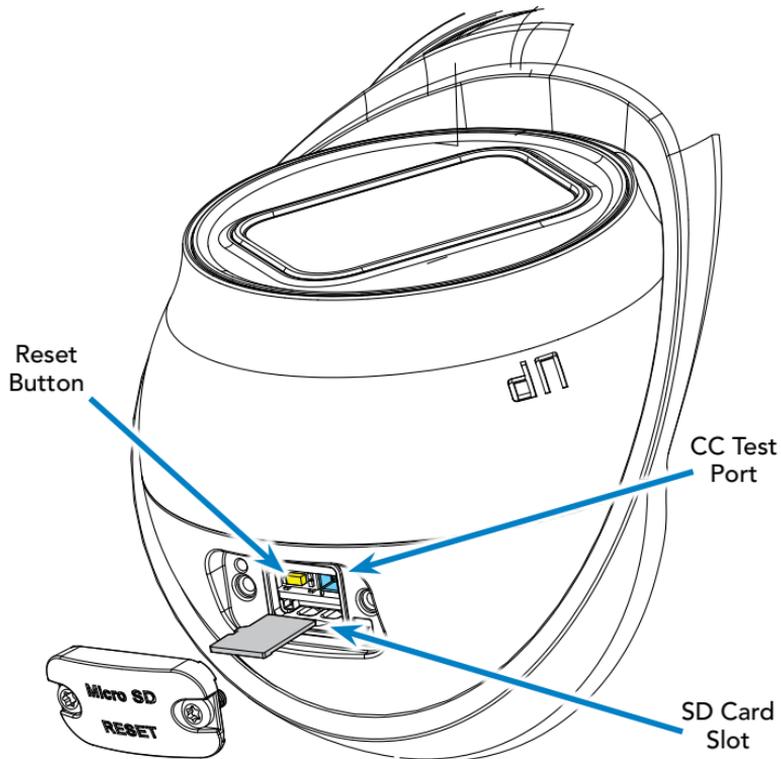
- Ensure that all equipment is powered off during installation.
- Ensure the mounting surface is strong enough to hold three times the weight of the camera and the mount. [We recommend using single- or double-gang box whenever possible. If installing on a soffit, we recommend that you reinforce the mounting point.](#)
- If the mounting surface is cement, use the included expansion screws to install the camera. If mounting to a wood surface, use self-tapping wood screws (not included) to secure the camera.
- If the product does not function properly, please contact technical support. Do not disassemble the camera for repair or maintenance.
- Do not remove the protective film from the lens until installation is complete.

Your Camera

Before installing, familiarize yourself with the parts of your camera.



Your Camera's Utility Port



Installation with an NVR

If you are installing with an NVR, follow **these** instructions. Otherwise, follow the instructions starting on the **next** page.

1. Ensure your NVR has the latest firmware. If it does not, your NVR may be unable to locate and activate your camera.
2. Perform the physical installation of your camera by following the instructions given on pages 11–14.
3. Plug your camera into your recorder. The NVR autodetects your camera, activates it (giving it the same admin password that it has), and assigns it an IP address.
4. Complete the installation using the instructions given in your NVR manual. You do not need to continue using this guide. [Where possible, we recommend changing settings using your NVR.](#)

Installation Without an NVR

If you are using this camera on a network without an NVR, use the Luma Utility to locate your camera and set it up.



Visit your product page at SnapAV.com and download the Luma Utility installer from the Support tab. **You must use v3.0.0.53 build 20170426 or later! Earlier versions of the utility will not work!**

Run the installer, accepting all defaults.

Pre-Installation Camera Configuration

You'll find it easiest to connect the camera directly to your PC, making most adjustments to the camera from the convenience of your table (prior to physical installation), rather than from atop a ladder.



Connect the camera to your PC and run the Luma Utility. It searches for attached Luma Surveillance devices. If your camera does not appear, check the connection, ensure the camera is powered up, then click the **Refresh** button.

Activate the Camera

Click on the entry for your camera to view its details. If the camera is inactive, use the text boxes at the lower right of the Luma utility window to activate the camera by creating a new secure password.

- Passwords cannot be longer than 16 characters. To ensure compatibility with the local interface, only use numbers, letters, spaces, and the following special characters: . , : - /
- Use a password that is long and easy to remember. A password like *parisinthspring* is more secure and easier to remember than a password like *D3x-7b*.

005	LUM-500 DVR 16...	Luma 16C...	Active	192.168.8.110	80	8000	554	V3.0.4build 1...	snapshot
005	LUM-500-FSH IP...	IP CAMERA	Inactive	192.168.8.113	80	8000	554	V3.0.4build 1...	snapshot
007	LUM-700-BUL-IP...	IP CAMERA	Active	192.168.8.144	80	8000	554	V5.4.1build 1...	
009	LUM-500 TUR IP...	IP CAMERA	Active	192.168.8.145	8019	8000	554	V5.4.1build 1...	
000	LUM-500 TUR IP...	Sandflair	Active	192.168.8.104	8025	0000	554	V5.3.6build 1...	snapshot
010	LUM-500-BUL-IP...	IP CAMERA	Active	192.168.254.1	80	8000	554	V5.4.1build 1...	
011	LUM-500-BUL-IP-GR	IP CAMERA	Active	192.168.8.112	80	8000	554	V5.4.1build 1...	
012	LUM-700-DOOM IP...	IP CAMERA	Active	192.168.8.129	8016	0000	554	V5.4.1build 1...	
013	LUM-700-BUL-IP...	IP CAMERA	Active	192.168.254.4	80	8000	554	V5.4.1build 1...	

The device is not activated.

You can modify the network parameters after the device activation.

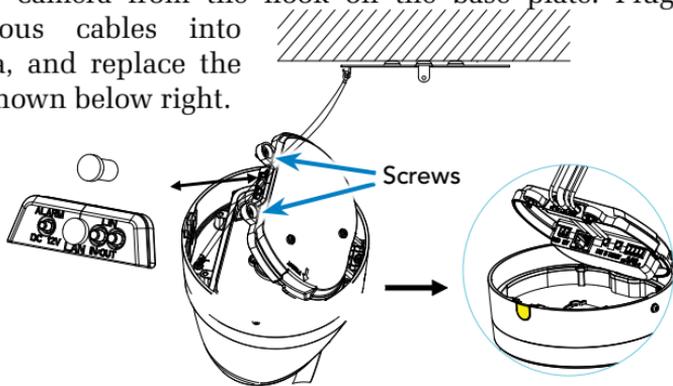
New Password:

Confirm Password:

Physical Installation: Wires

1. Drill pilot holes for your screws using the supplied template.
2. Loosen the locking screw and detach the base plate from the camera. Mount the base plate and run the cables through it.
3. Unscrew the two screws (marked below) in your camera base so the tailless connector plate swings open.
4. Remove the waterproof gasket. Remove the LAN plug from the center. Remove the plugs for other cables as needed.
5. Thread the cables through the waterproof gaskets.
6. Hang your camera from the hook on the base plate. Plug your various cables into the camera, and replace the gasket as shown below right.

7. Close the tailless connector plate and secure it in place.

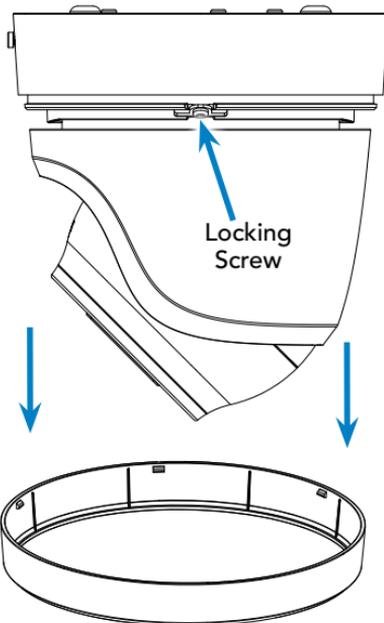


Physical Installation: Mount and Aim

1. Insert the camera body into the base plate. Twist the camera to lock it in place on the base plate. Tighten the mounting screw.
2. Twist the trim ring to the unlocked position and remove it.
3. Loosen the locking screw on the base. Rotate the camera body to aim it as desired.
4. Tighten the locking screw and replace the trim ring.
5. Aim the camera lens at the surveillance area.

If your cables run along the wall rather than being inside it, remove the conduit port on the side of the camera (shown in yellow on p.11).

Regardless, ensure you seal all cracks around this cable access when installation is complete.



Start the Web Interface

Open your browser and navigate to the camera's IP address.

Below the login area, you may see: “Please click here to download and install the plug-in. Close the browser when installing the plug-in.” If so, download the plug-in and close all browser windows.

Install the *LumaWebComponents* plug-in, restart your browser and go to your camera's login window. Log in as *admin* using the password you created. If asked whether you want to run the Luma Web Components plug-in, you must allow the plug-in to run.

Save your camera's web page as a favorite in your browser.

After logging in, you should see the live page, shown here. If not, check that the camera has power, and a good network connection. Click the **Settings** icon to access the web interface and finish setup.



Adjust the Camera

The camera itself is mounted in a free-floating ball within the camera body. This free-floating ball can be aimed freely. In addition, if the locking screw is loosened slightly, the entire camera body can rotate.

1. If needed, remove the trim ring, loosen the locking screw slightly and rotate the camera body as desired. Tighten the locking screw and replace the trim ring.
2. Taking care to avoid touching the camera's lenses, aim the camera in the direction desired. Ensure that the up indicator remains at the top of the camera body.

Support

If you need help, email support@SnapAV.com. For information, instructional videos, support documentation, or ideas, visit our website.

3-Year Limited Warranty

This Luma Surveillance™ product has a 3-Year Limited Warranty. This warranty includes parts and labor repairs on all components found to be defective in material or workmanship under normal conditions of use. This warranty shall not apply to products that have been abused, modified or disassembled. Products to be repaired under this warranty must be returned to a designated service center with an assigned return authorization (RA) number. Contact technical support for an RA number.

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