

# AIRBOT One™

THE ULTIMATE ROBOT



# USER GUIDE



## WARNING



All equipment manufactured by L.T.E. Canada Equipment Inc. has been inspected and tested at the factory to be immediately ready for use. It is highly recommended to inspect the equipment before use to ensure no damage has occurred during transportation.

**Do not handle the robot with your hands when the ignition key is activated. Risk of serious injury. Avoid pulling the robot by the cable.**



**The robot should ideally be operated by 2 technicians.**

One technician should guide the cable as the robot moves through the duct. Carefully untangle the cable.

## BEFORE STARTING UP THE ROBOT

When using it first, here is how to set up the AirBot One. It is highly recommended to familiarize yourself with the use of the robot before using it in the dock.

1. Make sure the ignition key is in the “Off” position.
1. Connect the power cable to the control panel.
2. Connect the robot to the control panel with the cable *(Make sure the ends are securely screwed to the robot and the control panel).*
3. Connect the USB cable to the computer.
4. Connect the compressed air hose to the ball valve and connect the robot air hose *(Recommended air pressure of 150 PSI).*
5. Install the manual arm with the mounting brackets provided *(remove the 3 screws from the brackets and install the arm making sure to reattach the screws).*
6. Adjust the desired height by unfolding or folding the arm *(There is no need to tighten the screws on the elbows unless you notice that the arm is not holding in place).*
7. Check the condition of the circuit breakers on the control panel. They must be positioned upwards *(no visible white parts. If it does, please contact our support team).*

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### STARTING UP AND USING THE ROBOT

Once each step of the robot preparation has been completed:

1. Turn on the ignition key and make sure the LED lights up.
2. Open the software called AirBot One on the desktop.
3. Make sure the cameras are working (*see section "Cameras configuration"*).
4. Make sure there are no obstacles in the robot's path.
5. Install the robot in the duct (*guide and untangle the cable*).
6. To start whipping or brushing, open the ball valve.
7. Move the robot forward with the right joystick "robot joystick" (*again make sure to guide and untangle the cable*).
8. Adjust the robot's reaction speed with the "Robot motor" button.
9. Turn on the light with the "Light" switch.



The other controls are for optional accessories such as the coating kit/scissor lift and the motorized arm.

**At the end of the cleaning**, do not pull the robot back by the cable. Mechanically pull back the robot and guide the cable as you go.

### SHUTTING DOWN THE ROBOT

Be sure to turn off the power to the robot by turning the key before disconnecting the robot cable.

### MAINTENANCE AND CLEANING

It's important to clean your robot after each use, especially the inside of the wheels. It is necessary to remove the dust accumulated inside the wheels to avoid any obstructions and restrictions. The use of a degreaser may be necessary depending on the type of dirt or work. Clean the entire surface of the robot to ensure its durability.

# AIRBOT One™

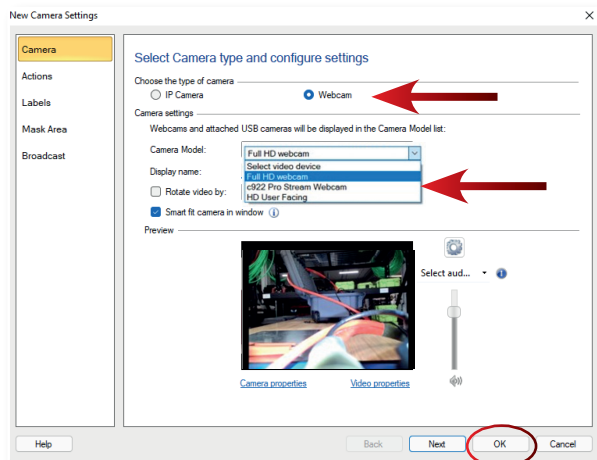
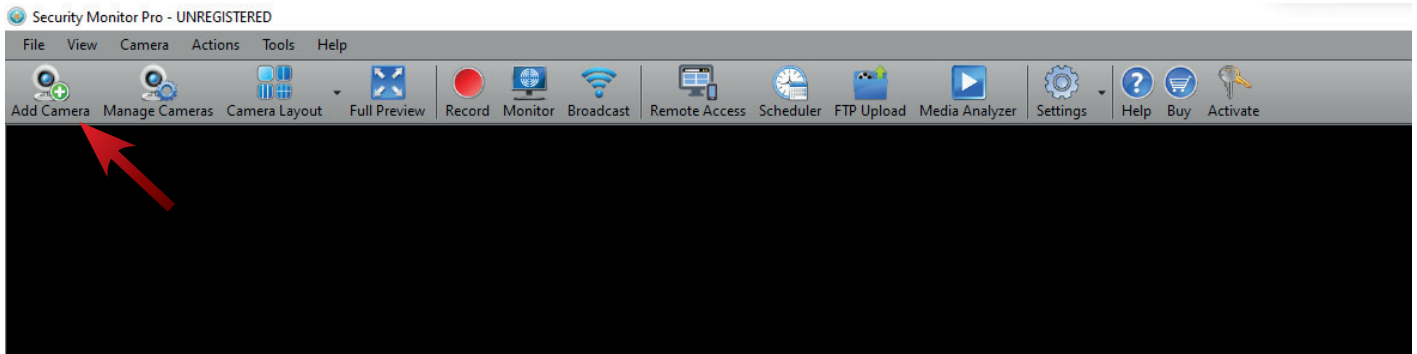
THE ULTIMATE ROBOT



## USER GUIDE

### CAMERAS CONFIGURATION

1. Open the software called **Security Monitor Pro** on the desktop.
2. Click on the tab **add a new camera**.

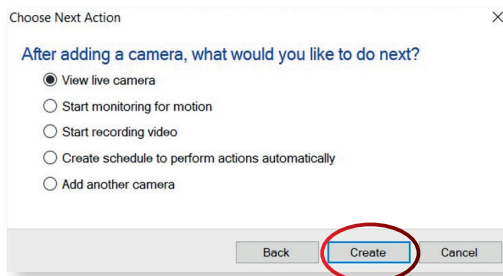


3. Set the camera type to **WEBCAM** and select **C922 Pro Stream Webcam** for the front camera.

4. Click **OK** and then **Create**

5. **Repete steps 2 to 4** to add the rear camera and select **Full HD Webcam**.

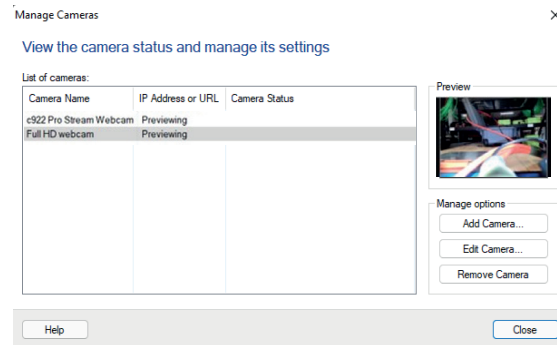
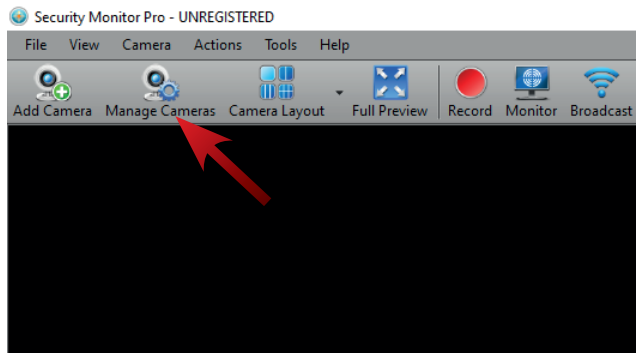
*\*The camera should start automatically, otherwise follow the 'Remove Camera' step and resume installation.*



## CAMERAS MANAGEMENT

### ADD, REMOVE OR EDIT CAMERAS

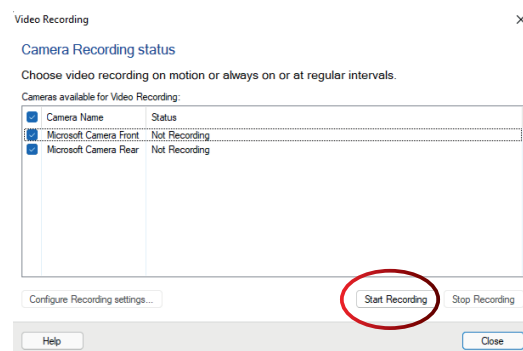
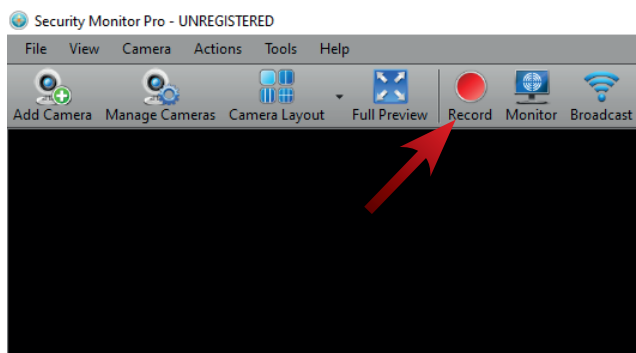
To add, remove or edit cameras, click on **Manage Cameras**.



### RECORDING AND PHOTOS

#### RECORDING :

1. Click the **red record button**.
2. **Select cameras** you want to record in the new pop-up window.
3. Click **Start Recording**.

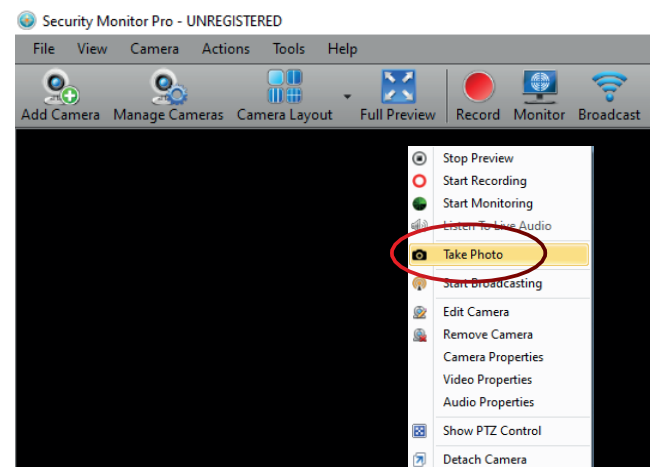


#### PHOTO CAPTURE :

1. **Click right** on either camera to choose **Take photo**.

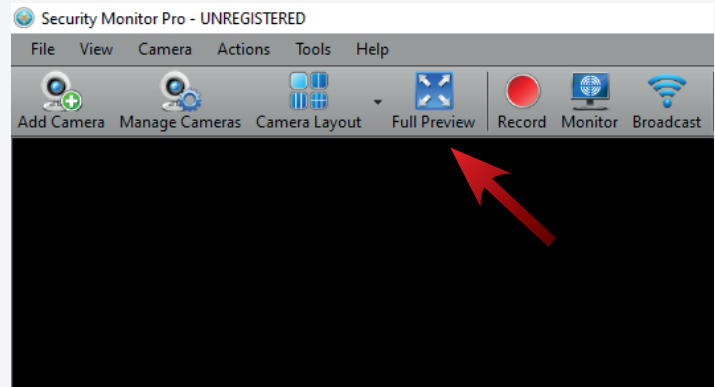
By default, your photos and videos are saved into this folder :  
Documents\Security Monitor Pro\Media

You can change the destination file into the app settings :  
Tools > Application Settings > Video and Photo



## FULL-SCREEN MODE :

1. To preview camera full-screen, **click Full Preview** button.
2. To exit full-screen preview mode, **click on the X button** in top right corner.

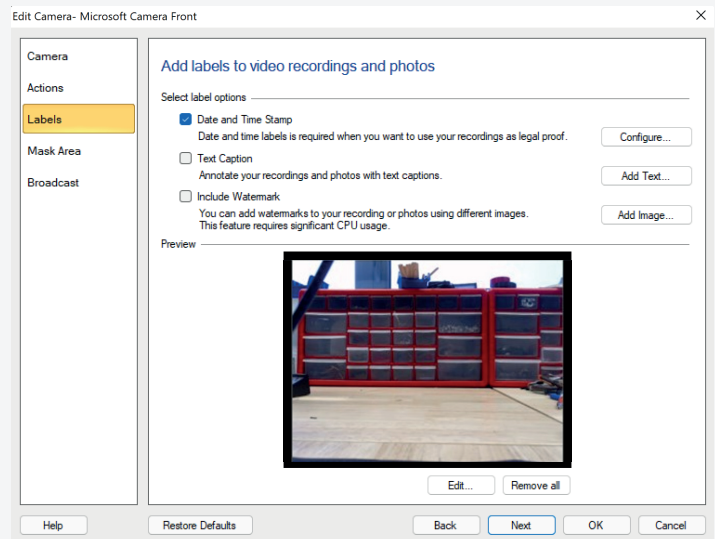


## PERSONALIZED RECORDING

### TEXT, DATE AND TIME STAMP

When both cameras are installed and ready to work, it is possible to add **Date and Time Stamp**, as well as the addition of **Text Caption**.

1. Click on **Manage Cameras**.
2. **Select the camera** you want to edit and **click on Edit Camera**.
3. Click on **Labels** tab and select **Date and Time Stamp** and/or **Text Caption**.
4. **Repeat** steps for the other camera

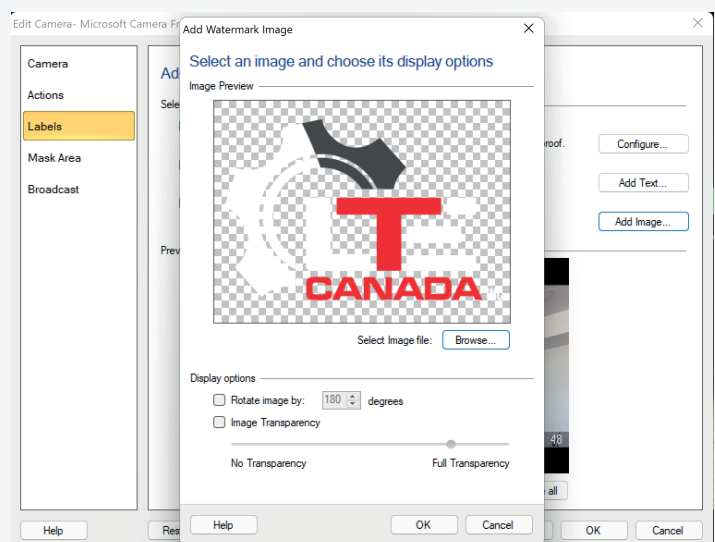


Display the name of cameras, for example "Front Cam" and "Rear Cam" using text caption.

### ADD YOUR BRAND LOGO

In the camera editing menu, it's also possible to add your custom logo when recording video or photo.

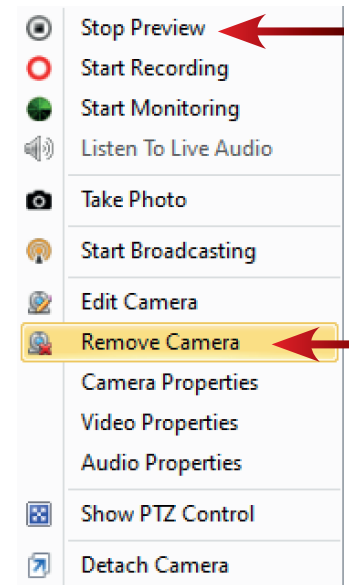
1. Click on **Manage Cameras**.
2. **Select the camera** you want to edit and **click on Edit Camera**.
3. Click on **Labels** tab and select **Include Watermark**.
4. **Repeat** steps for the other camera



## TROUBLESHOOT

In case of any problems connecting either of the cameras, please follow those steps :

1. Right-click and select **Remove Camera**.
2. Then, **resume the camera installation procedure**.
3. If not resolved, **unplug all the wiring** and **start again**.
4. If you get the message "Camera in use" while adding a camera, **right-click** on the camera preview and **select Stop Preview** and then **try adding the camera**.



*If you have any other questions regarding the cameras configuration, general robot's controls or anything else, contact us, we will be pleased to help you !*

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**We are continuously improving, please feel free to send us your comments and suggestions.**