

# Installation Guide

Avigilon™ USB Professional Joystick Keyboard:

ACC-USB-JOY-PRO

# Important Safety Information

This manual provides installation and operation information and precautions for the use of this camera. Incorrect installation could cause an unexpected fault. Before installing this equipment read this manual carefully. Please provide this manual to the owner of the equipment for future use.



The Warning symbol indicates the presence of dangerous voltage within and outside the product enclosure that may constitute a risk of electric shock, serious injury or death to persons if proper precautions are not followed.



The Caution symbol alerts the user to the presence of hazards that may cause minor or moderate injury to persons, damage to property or damage to the product itself if proper precautions are not followed.



**WARNING** — Failure to observe the following instructions may result in severe injury or death.

- Do not use near water or expose to dripping or splashing.
- Do not place objects filled with liquids above the device.
- Do not expose to rain or moisture.
- For indoor use only.  
If used outdoors, an approved outdoor mounting adapter or enclosure is required. Consult with Avigilon for more information.
- Installation must be performed by qualified personnel only, and must conform to all local codes.
- This product is intended to be supplied by a UL Listed Power Unit marked “Class 2” or “LPS” or “Limited Power Source” with output rated 12 VDC or 24 VAC, 9 W min. or Power over Ethernet (PoE), rated 48 VDC, 9 W min.
- Any external power supply connected to this product may only be connected to another Avigilon product of the same model series. External power connections must be properly insulated.
- Do not connect directly to mains power for any reason.



**CAUTION** — Failure to observe the following instructions may result in injury or damage to the camera.

- Do not install near any heat sources such as radiators, heat registers, stoves, or other sources of heat.
- Do not subject the cables to excessive stress, heavy loads or pinching.
- Do not open or disassemble the device. There are no user serviceable parts.
- Refer all servicing to qualified personnel. Servicing may be required when the device has been damaged (such as from a liquid spill or fallen objects), has been exposed to rain or moisture, does not operate normally, or has been dropped.
- Do not use strong or abrasive detergents when cleaning the device body.
- Use only accessories recommended by Avigilon.

- Use of controls or adjustments or performance of procedures other than those specified in this document may result in hazardous radiation exposure.

## Regulatory Notices

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This Class B digital apparatus complies with Canadian ICES-003.

Changes or modifications made to this equipment not expressly approved by Avigilon Corporation or parties authorized by Avigilon Corporation could void the user's authority to operate this equipment.

## Disposal and Recycling Information

When this product has reached the end of its useful life, please dispose of it according to your local environmental laws and guidelines.

Risk of fire, explosion, and burns. Do not disassemble, crush, heat above 100 °C (212 °F), or incinerate.

### European Union:



This symbol means that according to local laws and regulations your product should be disposed of separately from household waste. When this product reaches its end of life, take it to a collection point designated by local authorities. Some collection points accept products for free. The separate collection and recycling of your product at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.

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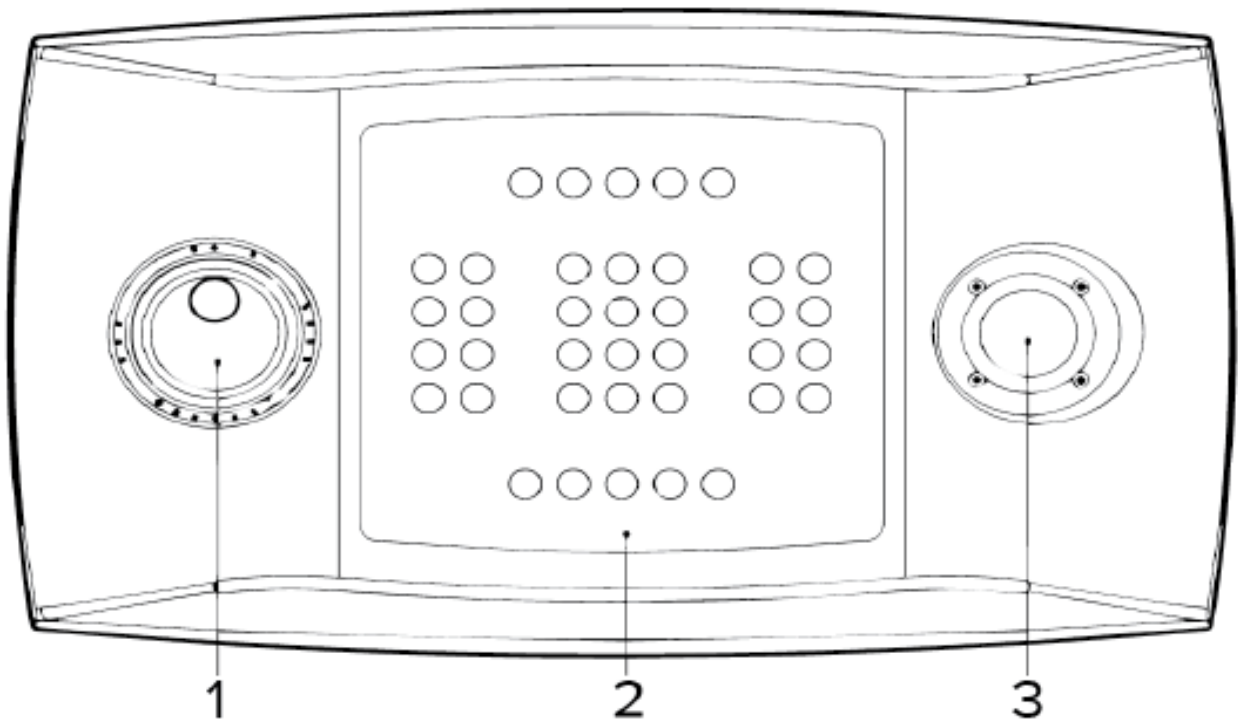
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# Overview

## Top View



### 1. Jog Shuttle

Controls the speed of recorded video playback.

- Rotate the inside shuttle to move the recorded video one stop forward or back on the Timeline.
- Rotate the outside shuttle to move the recorded video quickly through the Timeline.

### 2. Keypad

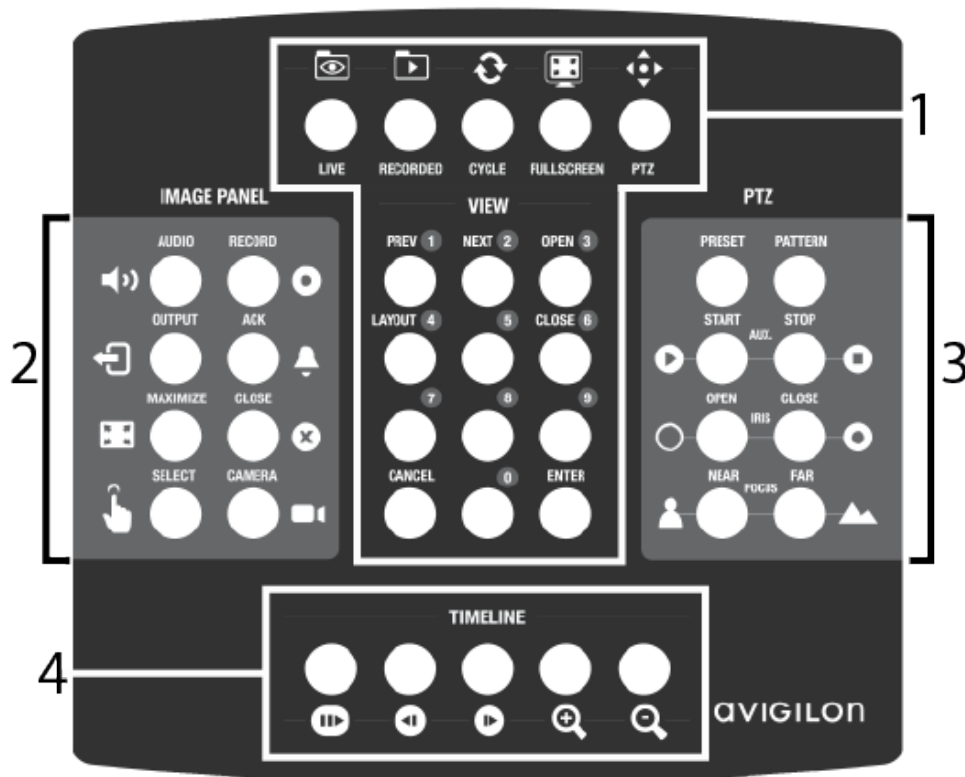
Controls specific features within the Avigilon Control Center software.

### 3. Joystick

Controls the zoom and pan features while viewing video in image panels.

- Rotate the joystick knob to zoom in and out of a video image.
- Move the joystick to pan and tilt within the video image.

# Keypad Layout



1. **View Buttons**

Controls the display of live and recorded video.

2. **Image Panel Buttons**

Controls the features that can be triggered in an image panel, and can be used to select specific image panels and camera video.

3. **PTZ Buttons**

Controls a camera's pan, tilt, and zoom features when available.

4. **Timeline Buttons**

Controls the playback of recorded video and Timeline zoom level.

# Installation

## Package Contents


Ensure the package contains the following:

- Avigilon USB Professional Joystick Keyboard
- Keypad cover

## Installation Steps

Complete the following procedures to install the *Avigilon USB Professional Joystick Keyboard* (keyboard).

### Installing the Keyboard

1. Connect the keyboard to your computer.
2. If Windows requests your permission to install the new hardware, ignore and close the dialog box.
3. Open the AvigilonControl Centersoftware.
4. From the top right corner, select  > **Client Settings > Joystick**
5. In the Joystick tab, click Install Drivers
6. When the Run As dialog box appears, select one of the following:
  - If you are an administrator on your computer, select Current user, and clear the Protect my computer and data check box.
  - If you are not an administrator, select The following user, and request that the administrator enter their username and password.
7. Click **OK**.
8. If a Windows error message appears and says that the keyboard may not be compatible with your version of Windows, click **Continue Anyway**.

When the driver installation is complete, the Joystick dialog box will ask if you want to enable left-hand mode for the keyboard.

### Setting the Keyboard Orientation

The keyboard is configured for right-hand mode by default. Right-hand mode is when the joystick is controlled with the right hand and the jog shuttle is controlled with the left hand. The keyboard can be reversed for left-hand mode.

1. Rotate the keyboard until the joystick is on the left and the jog shuttle is on the right.
2. In the Avigilon Control Center Client software, open the Local Client Setup dialog box and click Joystick.
3. Select the Enable left-hand mode check box, then click OK.

The keyboard is now in left-hand mode.



## Installing the Keypad Cover

The keypad cover is removable so you can set the keyboard orientation. Once the keyboard is set to either right-hand mode or left-hand mode, install the keypad cover so the buttons are labeled correctly.

1. Ensure the keyboard is in the correct orientation:
  - Right-hand mode: jog shuttle > keypad > joystick
  - Left-hand mode: joystick > keypad > jog shuttle
2. Rotate the keypad cover until the View button labels are at the top.
3. Place the keypad cover on the keypad.

# Cleaning

## Body

Use neutral soap diluted with water and a soft cloth to clean the keyboard body.



**CAUTION** — Do not use strong or abrasive detergents which may irreparably damage the surface.

# Troubleshooting

## Installation Error


If an error occurs during installation, you can remove the keyboard from your system and attempt to install again.


1. Ensure your keyboard is connected to your computer.
2. On your computer, open the Windows Device Manager.
3. Expand the Ports (Com & LPT) list.
4. Right-click USB CDC serial port emulation and select Uninstall.
5. Disconnect the keyboard.
6. If you are prompted, restart your computer.
7. After your computer has restarted, connect the keyboard and try installing again.


## Joystick Malfunction

If the joystick malfunctions, it can be recalibrated to function as expected.

1. Ensure the keyboard is connected to your computer.
2. On the keypad, complete the following button sequence:

a. Press and hold .

b. Press and hold .

c. Press and hold .

d. Release .

e. Release .

f. Release .

The 1, 3, 4, 5, 6, 7, 8, 9, and Live buttons light up.

3. Press 3.
4. Move the joystick as far as possible in all directions, then rotate the joystick knob as far as possible clockwise and counterclockwise.
5. Release the joystick. After 5 seconds, the keyboard will save the recalibrated joystick settings.

# Specifications

## Mechanical

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Dimensions WxHxL	379 mm x 89 mm x 224 mm (15" x 3.5" x 8.8")
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Weight	1.35 kg (3.0 lbs)
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USB Cable Length	1.5 m (59")
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## Electrical

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Power Source	USB Port
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Power Consumption	350 mA max
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## Environmental

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Operating Temperature	0°C to +45°C (32°F to 113°F)
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## Certifications

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EN 55022 Class B, EN50130-4, EN, EN6100-6-3,  
EN60950-1, FCC Part 15 Class B

# Limited Warranty & Technical Support

Avigilon warranty terms for this product are provided at [avigilon.com/warranty](https://www.avigilon.com/warranty).

Warranty service and technical support can be obtained by contacting Avigilon Technical Support: [avigilon.com/contact](https://www.avigilon.com/contact).