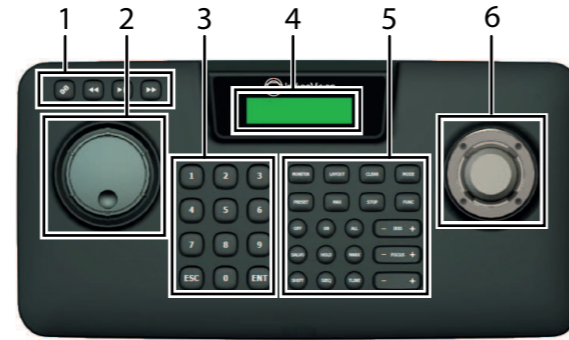


# INDIGOVISION SURVEILLANCE USB KEYBOARD

## QUICK START GUIDE

## PACKAGE CONTENTS

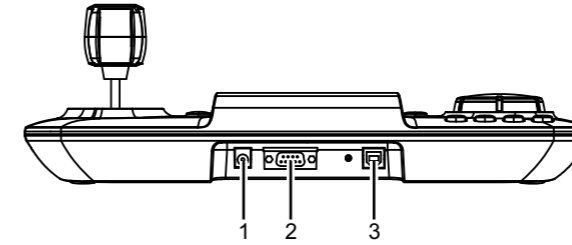


Keyboard zone	Description
1	Playback control keys
2	Shuttle ring and jog dial
3	Keypad
4	Display screen
5	Multi-function keys
6	Joystick

### Additional

- 3m 5V USB type B cable (locking)
- 1.8m RS-232 cable

## CONNECTIONS



Connection	Description
1	12V DC power input port
2	RS-232 9 way female DB9 serial port
3	USB type B port

## SAFETY NOTICES

### Warnings

- ⚠ The unit must be connected to a power supply that matches the details given in the Specifications section.
- ⚠ The product is designed for indoor applications and must not be installed outdoors or exposed to rain or moisture.
- ⚠ Never open the unit. Tampering with the product invalidates the warranty.
- ⚠ The unit should never be used in proximity to flammable substances or in potentially explosive atmospheres.

### Cautions

- ⚠ Place the unit on a solid surface when using.
- ⚠ Do not power cycle the unit or disconnect the unit while upgrading the firmware.

### Notices

The product complies with the electrical appliance, electromagnetic compatibility and general requirement regulations in force at the time this manual was issued.

The unit may only be considered to be shut down when all cables connecting the unit to power and other appliances have been disconnected.

All technical assistance must be provided solely by authorized technicians.

## PLAYBACK CONTROL AND FUNCTION KEYS

Key	Function
	Synchronize recorded video.
	Rewind playback video. To rewind at 2x speed, press once.
	Plays or pause recorded video.
	Play playback video at increased speed. To play at 2x speed, press once.
MONITOR	Select a monitor.
LAYOUT	Select a video pane layout.
CLEAR	Close the monitor or layout selection options.
MODE	Toggle between Live and Playback modes.
PRESET	Select a preset.
MAX	Maximize or minimize the video pane.
STOP	Stop video in the current pane.
FUNC	Access the camera menu. See "Operating the keyboard" on page 1.
ON / OFF	Toggle replay on and off.
ALL	Replay all.
SALVO	Select a salvo or guard tour.
HOLD	Pause or restart a sequence.

Key	Function
MARK	Select a point on the timeline.
SEQ	Select a sequence.
SHIFT	Enable autofocus or iris auto-adjust. See "Operating the keyboard" on page 1.
TLINE	Select a timeline.
IRIS	Adjust the iris aperture.
FOCUS	Adjust the camera focus.
+ / -	Scroll through cameras or points in a timeline.

## SPECIFICATIONS

Item	Description
Communication system	USB type B or serial line (COM) female DB9 Connector (Included)
Control	Proportional 3 axis joystick plus jog / shuttle dial
Primary power supply	5V USB type B
Auxiliary power supply	12V DC PSU
Power consumption	1.1W
Temperature range	0°C to 40°C (32°F to 104°F)
Dimensions	332.9mm x 165.0mm x 105.2mm (13.11 in x 6.5 in x 4.14 in)
Weight	800g



IndigoVision

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#### FURTHER INFORMATION

FOR FURTHER INFORMATION, SEE THE PARTNER PORTAL:

[HTTPS://PARTNERS.INDIGOVISION.COM](https://partners.indigovision.com)

ALTERNATIVELY, SCAN THE QR CODE BELOW.



## 1. SETTING UP THE KEYBOARD

Connect the Surveillance USB Keyboard to the Control Center PC using one of the following:

- The USB type B cable (recommended)
- The RS-232 9 way serial cable and a 12V DC power supply

In Control Center, select **IndigoVision Surveillance** as the CCTV keyboard type.

Press **LAYOUT**, enter the number of columns and number of rows underneath the panoramic pane, followed by 0, then press **ENT**.

For example, to give a display of 1 row with a panoramic pane and 2 rows of 3 panes underneath the panoramic pane, press **LAYOUT**, enter 3, 3, 0, then press **ENT**.

To maximize or minimize panes, press **MAX** then press **ENT**.

### Using PTZ controls

Select the video pane displaying video from the PTZ camera, then use the joystick to pan, tilt, or zoom:

- **Pan**: move the joystick to the left or right.
- **Tilt**: move the joystick up or down.
- **Zoom in**: twist the joystick clockwise.
- **Zoom out**: twist the joystick anticlockwise.

The further you move the joystick, the faster the camera moves.

### Using focus controls

Select the camera you want to focus, then do one of the following:

- Manually increase focus distance: press **FOCUS+**.
- Manually reduce focus distance: press **FOCUS-**.
- Auto focus: press **SHIFT** then **FOCUS**.

### Using iris controls

Select the camera for which you want to adjust the iris, then do one of the following:

- Manually increase the iris aperture: press **IRIS+**.
- Manually reduce the iris aperture: press **IRIS-**.
- Auto adjust the iris: press **SHIFT** then **IRIS**.

## 2. OPERATING THE KEYBOARD

### Viewing video

1. Select a video pane or monitor:  
Press **MONITOR**, then enter the video pane or monitor number using the keypad, then press **ENT**.
  2. Select a camera:  
Enter the camera number using the keypad, then press **ENT**.  
Alternatively, use the + or - keys to scroll through the cameras.
- To stop the video in the current video pane, press **STOP**.

### Defining a video pane layout

To change the number of video panes on the screen, you must define one of the following video pane layouts:

- Non-hotspot pane layout  
Press **LAYOUT**, enter the number of columns and number of rows, then press **ENT**.  
For example, to give a display of 4 columns by 3 rows, press **LAYOUT**, enter 4, 3, then press **ENT**.
- Hotspot pane layout  
Press **LAYOUT**, enter the number of columns, number of rows, and the hotspot code, then press **ENT**.  
Use the following hotspot codes:
  - To display the hotspot in the upper left corner, enter 1.
  - To display the hotspot in the center pane, enter 5.For example, to give a display of 4 columns, 3 rows with hotspot in top left pane, press **LAYOUT**, enter 4, 3, 1, then press **ENT**.
- Panoramic layout

### Reviewing recorded footage

- Fast-forward recorded footage at 2x speed

Press 

- Fast-forward recorded footage at adjustable speed

Turn the shuttle ring clockwise.

The further you turn the Shuttle ring, the faster the footage fast-forwards.

- Rewind recorded footage at 2x speed

Press 

- Rewind recorded footage at adjustable speed

Turn the shuttle ring counter-clockwise.

The further you turn the Shuttle ring, the faster the footage rewinds.

- Pause recorded footage

Press 

- Re-start paused recorded footage

Press  again twice quickly.

- Synchronize all playback video panes

Press 

- Play back recordings independently

Press  again.

### Moving around the timeline

- View a shorter period of the timeline in more detail  
Press **TLINE** then +.
- View a longer period of the timeline in less detail  
Press **TLINE** then -.
- Move forwards through the timeline

Turn the Jog dial clockwise.

- Move backwards through the timeline

Turn the Jog dial counter clockwise.

- Move the time marker to the center of the timeline  
Press **MARK**.

### Replaying live video

- Replay 10 seconds of video from a single video pane  
Select a video pane, then press **ON**.
- Replay 10 seconds of video from all video panes  
Press **ALL**.  
The video is replayed in Playback mode.
- Stop replaying video in the selected video pane  
Press **OFF**.

### Additional operations

- Access the camera menu  
Select the video pane displaying video from the camera, then press **SHIFT** then **FUNC**.



*This operation is not available on all cameras.*

- Clear a popup error message  
Press **CLEAR**.
- Switch to Live view  
Press **MODE**.
- Switch to the Playback view  
Press **MODE** twice quickly.

## 3. UPGRADING THE FIRMWARE

You can upgrade the firmware by downloading and installing the zip file.

Before upgrading the firmware, ensure that current version of Control Center is compatible with the Surveillance USB Keyboard.

While upgrading the firmware, ensure the following:

- Control Center is not running on the PC on which you are running the upgrade.
- The Surveillance USB Keyboard is switched on throughout the upgrade.
- The Surveillance USB Keyboard is connected to the PC throughout the upgrade.

Connect the Surveillance USB Keyboard to a PC using the USB type B cable, and do the following:

1. On the PC, download and run the BootLoader installer.  
When the BootLoader is installed, the **BootLoader** dialog opens.
2. In the **BootLoader** dialog, click **COM OPEN**.
3. Click **FILE OPEN**, then click **DOWNLOAD**.  
A confirmation dialog opens.
4. Click **OK**.  
The keyboard firmware has been upgraded.

#### Notice

*After you have upgraded the firmware, you must recalibrate the joystick.*

## 4. CALIBRATING THE JOYSTICK

Ensure that the joystick is properly calibrated for best operation.

1. Press **3** and release, then press and hold **MODE** until the first prompt is displayed in the joystick calibration dialog.
2. Follow the prompts.

**Table 1:** Joystick calibration dialog prompts

Prompt	Action
1. PTZ OFFSET: (Countdown)	Wait until the countdown finishes, and press <b>ENT</b> .
2. PAN LEFT	Move the joystick to the left, and press <b>ENT</b> .
3. PAN RIGHT	Move the joystick to the right, and press <b>ENT</b> .
4. TILT UP	Move the joystick up, and press <b>ENT</b> .
5. TILT DOWN	Move the joystick down, and press <b>ENT</b> .
6. ZOOM WIDE	Turn the joystick counter-clockwise, and press <b>ENT</b> .
7. ZOOM TELE	Turn the joystick clockwise, and press <b>ENT</b> .

When the calibration is finished, the dialog gives you the option to save.

3. Select <YES> then press **ENT**.

The joystick calibration settings are saved.