

Fisheye Control4 Driver Release Notes

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The purpose of these release notes are to provide detailed information regarding fixes, enhancements, and known issues related to the Luma fisheye Camera Control System Drivers.

What It Is

These are the Control4 drivers for Luma fisheye cameras.

Important Note

Please ensure the sub stream on your control system is set to 6 frames per second or higher. Some control systems treat a stream with lower frame rates as if it were an image.

Where to Find It

These are available on the Luma product pages under the Support tab.

Features Added

Added support for fisheye cameras.

Documentation

Note: Snapshot does not work when the Fisheye is in Fisheye + 2 PTZ mode. All other modes support snapshot. Fisheye + 2 PTZ is the default mode, so you must change modes to enable snapshot.

Fisheye Modes

Fisheye + 3 PTZ (No snapshot)

- Stream 1 = Fisheye Main Stream
- Stream 1 = Fisheye Sub Stream
- Stream 2 = PTZ 1 Main Stream
- Stream 3 = PTZ 2 Main Stream
- Stream 4 = PTZ 3 Main Stream

Fisheye + 2 PTZ (No snapshot)

- Stream 1 = Fisheye Main Stream
- Stream 1 = Fisheye Sub Stream
- Stream 2 = PTZ 1 Main Stream
- Stream 2 = PTZ 1 Sub Stream
- Stream 3 = PTZ 2 Main Stream
- Stream 3 = PTZ 2 Sub Stream

Fisheye + 1 PTZ (Snapshot supported)

- Stream 1 = Fisheye Main Stream
- Stream 1 = Fisheye Sub Stream
- Stream 2 = PTZ 1 Main Stream
- Stream 2 = PTZ 1 Sub Stream

2 PTZ (Snapshot supported)

- Stream 1 = PTZ 1 Main Stream
- Stream 1 = PTZ 1 Sub Stream
- Stream 2 = PTZ 2 Main Stream
- Stream 2 = PTZ 2 Sub Stream

Setup

1. Auto add the driver via SDDP under the discovered tab or manually add the driver to the project and enter the IP address.
2. Configure the camera to the desired mode and then using the stream mode chart above, configure your stream number and stream type in the properties tab. **Note:** When using a fisheye stream, set the resolution no higher than 1024x1024.
3. Set the proper ports. Typical port configurations:
 - Luma NVR: HTTP port = Virtual port direct to camera (65001), RTSP Port = NVR port (554)
 - Switch: HTTP port = Camera’s HTTP port (80), RTSP Port = Camera’s RTSP port (554)
4. Fill out the remaining properties if motion or input triggering events are desired. Add generic contact sensors to the project for binding to the connections.
5. Refresh navigators.

Properties

Fisheye Mode

Gathers and displays the fisheye mode that you’ve set in the camera.

Stream Number

Stream number.

Stream Type

Mainstream and substream for the given stream number.

Motion Detection Notification

Enable or disable motion detection notifications to the contact sensors.

Motion Interval

Time, in seconds, to open the contact when motion is detected.

Input Trigger Notification

Enable or disable input trigger notifications to the contact sensors.

Event Port

Port to start or stop listening on for event notifications. When first adding the driver, this port is randomized between 7000 and 8000 to avoid duplication with other drivers.

Debug Mode

Used for debugging the Luma output window.

Action Buttons

Get Current Mode

Gathers the current mode that the fisheye camera is set to (e.g. Fisheye + 1PTZ). This action must be taken when changing modes on the camera in order to gather the correct streams.

Events

Motion Detection Contact Sensor

When contact opens.

When contact closes.

Input Trigger Contact Sensor

When contact opens.

When contact closes.

Device-Specific Commands

None