

# Release Notes for IDS Software Suite 4.96



## Introduction

These release notes describe the changes in IDS Software Suite 4.96.1 which mainly introduces new camera revisions.

## IDS Software Suite 4.96.1

### New Products

#### New camera families

Given the current worldwide bottleneck situation regarding various electronic and semiconductor components used in a broad variety of products, IDS Imaging Development Systems also faces constraints in manufacturing some of our cameras. To be able to serve you with the products listed below in the future, we will make small modifications in electronics for these cameras. All functionality of the cameras remains fully unchanged.

To be precise: For our GigE uEye cameras of the following CP, FA, SE and LE families, we are offering you alternative hardware revisions step by step and in addition to our established, but unfortunately limited available GigE models. For your projects we recommend to use the new hardware revisions.

- GigE uEye CP Rev.2.2
- GigE uEye FA Rev.1.2
- GigE uEye SE Rev.4.2
- GigE uEye LE Rev.1.2

These GigE uEye cameras are supported by IDS Software Suite 4.96.1 and later versions. These models cannot be operated with any of the previous versions.

In general, we recommend upgrading to the most recent IDS Software Suite version, here 4.96.1, to operate with the latest features and most stable software.

### New and changed functions

#### New command for colour format

New command for `is_SetColorMode`: `IS_GET_BITS_PER_PIXEL` returns the BitsPerPixel count for the current colour format.

#### New source code demos

There are source code demos available now that demonstrate the use of the `is_Event` function and the `is_ImageQueue` function.

### General improvements

- Fixed a bug that installation HALCON interface failed
- Fixed a bug that driver filters DHCP messages incorrectly
- Value range of the Focus AOI was extended on the lower value side
- UI-3370CP / UI-5370CP: Fixed bug that `IS_AOI_IMAGE_GET_SIZE_MAX` returns wrong value and in uEye Demo under Linux the AOI slider shows wrong range
- CMake Find module available

## Known issues

- In IDS line scan, the GigE uEye CP Rev.2 models may lose a line between two images with a pixel clock > 60 MHz.
- UI-313xCP Rev.2: When using the smallest possible AOI in hardware trigger mode, images may be permanently lost.

## Last time product support

### uEye CCD cameras

All uEye CCD cameras are supported by driver version 4.96.1 for the last time. For specific model numbers see [Discontinuation Letter\\_Sony\\_CCD\\_20150324.pdf](#)

### uEye cameras with CMV2000/CMV4000 sensor models

The camera models UI-336xCP, UI-536xCP, UI-337xCP, UI-337xSE, UI-537xCP are supported by driver version 4.96.1 for the last time. For specific part numbers, see [PDN\\_IDS\\_2022-03-08\\_uEye\\_UI-337x\\_UI-537x.pdf](#) and [PDN\\_IDS\\_V1.1\\_2021-04-19\\_UI-336x\\_UI-536x.pdf](#)

### GigE uEye ACP, USB 3 uEye ACP

All GigE uEye ACP (UI-5xxxACP) and all USB 3 uEye ACP are supported by driver version 4.96.1 for the last time. For specific part numbers, see [PDN\\_IDS\\_2022-03-08\\_uEye\\_ACP\\_UI.pdf](#)

### uEye cameras based on onsemi sensors

The following camera models are supported by driver version 4.96.1 for the last time:

- UI-122xLE and UI-122xSE (USB 2), UI-322xCP (USB 3), UI-522xCP, UI-522xSE and UI-522xRE PoE (GigE), see [PDN\\_IDS\\_2021-02-25\\_UI-122x\\_UI-322x\\_UI-522x.pdf](#)
- UI-146xLE and UI-146xSE (USB 2), UI-546xSE and UI-546xRE PoE (GigE), see [PDN\\_IDS\\_2021-02-26\\_UI-146x\\_UI-546x.pdf](#)
- UI-155xLE and UI-155xSE (USB 2), UI-555xSE and UI-555xRE PoE (GigE), see [PDN\\_IDS\\_2020-02-26\\_UI-155x\\_UI-555x\\_UV-155x.pdf](#)
- UI-164xLE and UI-164xSE (USB 2), UI-564xSE and UI-564xRE PoE (GigE), see [PDN\\_IDS\\_2021-02-26\\_UI-164x\\_UI-564x.pdf](#)

### UI-3160CP-M-GL Rev.2, UI-3180CP-M-GL Rev.2

The UI-3160CP-M-GL Rev.2 and UI-3180CP-M-GL Rev.2 camera models are supported by driver version 4.96.1 for the last time. The camera models UI-3160CP-M-GL Rev.2.1 and UI-3180CP-M-GL Rev.2.1 are not affected. [For more information, see PCN\\_2018-02-08\\_Python2000-5000\\_v1.1.pdf](#).

Status: 2022-04-29

