

# **INFINICAM SDK**

## **Release Notes**

**Ver. 1.5.0.0 E**

**Photron**

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# Contents

## Chapter 1. Release Summary 1

1.1. SDK Ver. 1.5.0.0 Release Notes .....	2
1.1.1. SDK Version .....	2
1.1.2. Contents of the folder in SDK .....	2

## Chapter 2. New Functions and Bug Fix 3

2.1. SDK Ver. 1.5.0.0 New Functions.....	4
2.1.1. New Camera Support.....	4
2.1.2. Additional Function .....	4
2.1.3. Modified Function .....	4
2.2. SDK Ver. 1.5.0.0 Fixed Bugs.....	5
2.2.1. Fixed Bug .....	5

# 1

## Chapter 1. Release Summary

## 1.1. SDK Ver. 1.5.0.0 Release Notes

### 1.1.1. SDK Version

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- SDK (PUCLIB.DLL) Ver. 1.5.0.0

### 1.1.2. Contents of the folder in SDK

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- |               |  |
|---------------|--|
| - CamMonitor: | Sample Software                            |
| - Doc:        | API Reference, Quick Manual, Release Notes |
| - Driver:     | Device drivers                             |
| - PUCLIB:     | SDK components for INFINICAM               |

# 2

## **Chapter 2. New Functions and Bug Fix**

## 2.1. SDK Ver. 1.5.0.0 New Functions

### 2.1.1. New Camera Support

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No applicable

### 2.1.2. Additional Function

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- A DLL has been added (PUCUTIL.dll) that contains functions related to PUCLIB decoding. This library can be used when only decoding functions are required, such as when decoding compressed data that has already been downloaded.

Please note that the following functions in PUCLIB.dll are internally linked to PUCUTIL.dll.

- PUC\_DecodeData
- PUC\_DecodeDataMultiThread
- PUC\_DecodeDCTData
- PUC\_DecodeDCData
- PUC\_ExtractSequenceNo

### 2.1.3. Modified Function

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- Deletion of PUC\_SetXferDataMode/PUC\_GetXferDataMode  
Up to Ver. 1.4.0.0, it was possible to specify the image acquisition method as compressed or uncompressed data, but in Ver. 1.5.0.0, only compressed data is available.  
If uncompressed data is used to acquire images in Ver. 1.4.0.0, decoding is required separately to handle image data.
- Deletion of PUC\_DATA\_MODE enumeration  
Due to the deletion of the above API, image transfer is now only PUC\_DATA\_COMPRESSED in Ver. 1.4.0.0.
- Removed PUC\_DATA\_MODE from PUC\_GetXferDataSize/PUC\_GetMaxXferDataSize arguments  
The argument has been removed due to the deletion of PUC\_DATA\_MODE.  
The size of the transfer data to be acquired is that of compressed data.

## 2.2. SDK Ver. 1.5.0.0 Fixed Bugs

### 2.2.1. Fixed Bug

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- Fixed a bug in which multi-threaded decoding was not effective when the height of the resolution is small.

[Note]

When the resolution is small, please specify the appropriate number of threads, as parallel processing takes time and may be slower than decoding in a single thread.



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