

Hamamatsu Adaptor for MATLAB®

Requirements

- Windows 7¹/8.1²/10² (32-bit and 64-bit)
 - ¹ Requires DCAM v19.12. This is the last version of DCAM-API to support Windows 7.
 - ² Requires DCAM v19.12 or newer. Latest version of DCAM-API is recommended (<https://dcam-api.com>).
- MATLAB R2022b or previous
- Image Acquisition Explorer
- DCAM-API for Windows (<https://dcam-api.com>)
- Compatible hardware
 - See DCAM-API for Windows Compatibility Note for the version of DCAM-API being used.

Release Notes for version 6.5.3

Version 6.5.3

- **Bug fix to properly release memory when doing image acquisition in 12 bit mode**

Version 6.5.2

- **Bug fix to provide appropriate ScanMode selections for all sensor modes**
- **Bug fix to show proper imaging for Photon Number Resolving mode**

Version 6.5.1

- **Image display for 12-bit and 8-bit mode selection corrected**
- **Framebyte values for 12-bit and 8-bit mode selection corrected**

Version 6.4

- **Bug fix for Bits Per Channel property when using ORCA-Flash4.0 V2 and LT cameras**

Version 6.3

- **Provided support for C15550-20UP (ORCA-Quest cameras)**

- Fixed bug where output trigger properties were not visible in the Property List for C14440-20UP (ORCA-Fusion cameras)
- Improved MATLAB triggering operations for C15333-10E cameras

Version 6.2

- Provided support for C15333-10E and G14714 (InGaAs Line Scan Cameras)
- Verified support for C15440-20UP (ORCA-Fusion BT)
- Fixed ROI when using Binning to prevent ½ image display situation
- Fixed Subarray properties values not updating properly when using TDI cameras
- Fixed Bits Per Channel property setting to allow selection of 12 bit mode when capability exists

Version 6.1

- Enabled SplitView Mode operation
- Added support for Master Pulse Triggering
- Provided support for C14440-20UP (ORCA-Fusion)
- Provided support for C14120-20P (ORCA-Lightning)

Version 6.0 or earlier

- Exposed all V2 DCAM properties for C11440-22C (ORCA-Flash4.0 V2)
- Recompiled for 32 bit version DLL
- Provided support for C11440-42U camera
- Provided support for C11440-36U camera (ORCA Spark)
- Provided support for C13440-20CU camera (ORCA-Flash4.0 V3)
- Provided support all C11440 cameras
- Added support to auto adjust exposure time limits based on subarray mode settings

