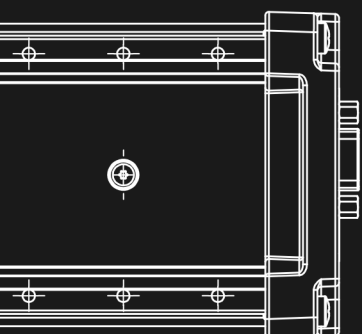
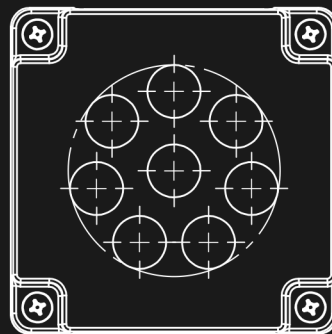
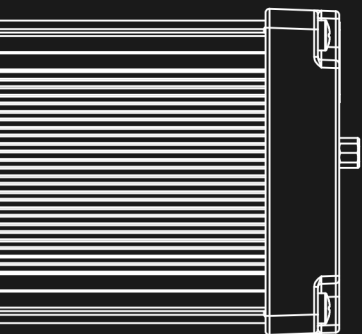
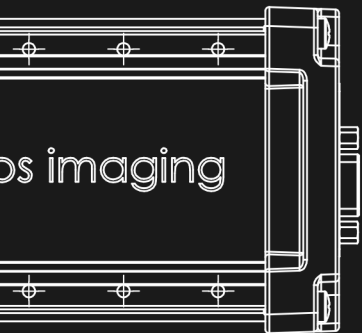




Odos Imaging

StarForm Swift™ Firmware Releases



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1 Contact



Note

Technical Information:

<http://www.odos-imaging.com>

Support:

support@odos-imaging.com

Odos Imaging, A Rockwell Automation Company

Unit 37c Castlebrae Business Centre

Peffer Place

Edinburgh

EH16 4BB

United Kingdom

Tel: +44 (0) 131 650 7756

Email: info@odos-imaging.com

2 Firmware Releases

v2.0.2

Add support for daisy chained hardware trigger (including adding pause support).

Remove possibility of PersistentIP setting leaving camera unconnectable.

Mark Scan3dFilterMode, TriggerActivation as TriggerWaitMode as Streamable (saved in camera configuration files by Swift SDK).

Change IlluminationPower default to 1536.

Run a stub application if main camera application cannot initialise so camera remains discoverable.

v2.0.1

Improve image transfer speed over ethernet interface.

Improvements to range measurement (after recalibration).

Intensity images are now 16-bit pixel format (was 12-bit).

Scan3dSignalThresholdLower now 16-bit value (was 12-bit) to match Intensity. So to keep same threshold multiply old value by 16.

Add Scan3dFilterMode support for filtering Range images (Block and ContinuousAdaptive filters available).

ContinuousAdaptive filtering enabled by default giving improvement in measurement precision without loss in frame rate.

Add support for user specified persistent static IP.

Add support for hardware triggers.

Add status of Line0 (trigger input) to interface.

Make sent image ids sequential (block_id).

Stop occasional dropping of first triggered frame after software trigger is enabled.

Add IlluminationEnable, remove individual LDD enable.

Stop slow SwiftUpdater connection when network DNS is slow/not present.

Mark streamable features in interface (saved in camera configuration files by Swift SDK).

Faster response to FORCEIP command.

Stop reverting to DHCP address after a FORCEIP command.

Compatibility with image processing/vision libraries improved.

v1.4.2

Mark streamable features in interface.

v1.4.1

Fix invalid image meta-data being sent since v1.2.0 (e.g. Component-Type in image could be invalid).

v1.4.0

Extend image meta-data to allow gathering of entire tuple by user.

Add DeviceStatus to image meta-data to show if camera status was good when image was captured.

Add DeviceStatus and DeviceStatusSelector to show if camera status is good.

Add support for Halcon 13 (on Windows 10).

v1.3.0

Add support for Cognex VisionPro v9.0.

Fix camera lockup when calling AcquisitionStart repeatedly.

v1.2.1

Fix crash when IlluminationPower is set to 0.

Fix flickering intensity variation in images since v1.2.0.

v1.2.0

Increase image transfer rate.

Add single acquisition trigger to allow software camera synchronization.

Limit IlluminationPower maximum value based on calibration.

Fix point cloud multipliers being transferred with runs of 0's leading to runs of missing pixels in final point cloud.

Fix image meta-data for PointCloudMultiplierX/Y/Z.

v1.1.0

Add temperature regulation (SensorTemperatureRegulationTarget / Status / Effort).

Add DeviceFirmwareIdentifier to interface.

Add support for link-local addresses (i.e. when no DHCP server available).

Update interface naming of various features.

Clear transmit buffer queue when starting new stream.

Fix invalidation of Scan3dCoordinateOffset and Scan3dCoordinateScale in interface.

Fix FORCEIP support.

v1.0.0

Initial customer release.

Manual Build: 857b8b6b01d135ee6fa31567f901a93e8e2178df