

## GIGE FIRMWARE RELEASE NOTES

### Alvium G1 cameras

2023-Nov-21  
V00.12.00.00611a22



#### Helpful downloads

- Operating and updating cameras: Alvium G1 Cameras User Guide
- Features: Alvium Features Reference  
[www.alliedvision.com/en/support/technical-documentation/alvium-gige-documentation](http://www.alliedvision.com/en/support/technical-documentation/alvium-gige-documentation)
- Firmware files  
[www.alliedvision.com/en/support/firmware](http://www.alliedvision.com/en/support/firmware)
- Firmware updater, included in **Vimba X**  
[www.alliedvision.com/en/products/software/vimba-x-sdk](http://www.alliedvision.com/en/products/software/vimba-x-sdk)

## Latest firmware version for your Alvium G1 model

The following table lists the latest firmware version for your Alvium G1 camera.

Models	FW version	Document release
Alvium G1-030 VSWIR, G1-040m/c, G1-130 VSWIR, G1-131m/c, G1-158m/c, G1-192m/c, G1-234m/c, G1-240m/c, G1-319m/c, G1-500m/c, G1-507m/c, G1-510m/c, G1-811m/c, G1-812 UV, G1-895m/c, G1-1236m/c, G1-1242m/c, G1-1620m/c, G1-2040m/c, G1-2050m/c, G1-2460m/c	<a href="#">FW 00.12.00.00611a22e</a>   3rd update	2023-Nov-21

Table 3: Latest firmware version by model

## FW 00.12.00.00611a22e | 3rd update

Date of **3rd document update**: 2023-Nov-21

Date of 2nd document update: 2023-Nov-02

Date of 1st document update: 2023-Jul-04

Date of document release: 2023-Jun-15



### Removed contents

12-bit pixel formats for cameras with 10-bit sensors were already available with the initial firmware version for Alvium G1: [FW 00.09.00.e23cb4e8](#) on page 14.

## Supported models

Camera family	Model
Alvium	Alvium G1-030 VSWIR, G1-040m/c, G1-130 VSWIR, G1-131m/c, G1-158m/c, G1-192m/c, G1-234m/c, G1-240m/c, G1-319m/c, G1-500m/c, G1-507m/c, G1-510m/c, G1-811m/c, G1-812 UV, G1-895m/c, G1-1236m/c, G1-1242m/c, G1-1620m/c, G1-2040m/c, G1-2050m/c, G1-2460m/c

Table 4: Supported models

## New models

Alvium G1-131m/c, G1-192m/c

## Changed features

- Added **Sensor** option for **BinningSelector**. The existence of this option depends on the sensor. Please see the Alvium G1 User Guide or model data sheets.
- Added **Mono12Packed** and **BayerGR12Packed** (G1-500c) or **BayerRG12Packed** (other models) for **PixelFormat**.

## New features

- Support for mandatory features according to GenICam SFNC V2.7
- GigE Vision V2.2 support
- Scheduled action commands: Can be used the same way as action commands.
- LutValueAll** to write a complete LUT in one access
- MultipleRegions** subcategory in the **ImageFormatControl** category. The existence of this feature and available arrangement modes depend on the sensor. Please see the Alvium G1 User Guide or model data sheets.
- Added **TestPendingAck** in the **TestControl** category.

## Resolved issues

Alvium ID	Affected models	Description
251	G1-2050m/c	If <b>ShutterMode</b> is changed after image acquisition, the <b>ExposureActive</b> signal disappears.
854	All	GP02 trigger direction error: GP02 can be set for both input and output, despite having only output capabilities.

Table 5: Resolved issues (Sheet 1 of 2)

Alvium ID	Affected models	Description
890	All	GP02 is high during camera boot up for several seconds (usually 1 to 3 s).
967	All	<b>BlackLevel</b> is wrongly set after loading settings file: The camera incorrectly reports a <b>BlackLevel</b> value of $\theta$ , requiring it to be set to a different value and then reset to 0 in order to actually achieve a value of $\theta$ .
976	All	Opto-isolated Input GPI3 status is inverted. As a workaround, the rising edge signal must be treated as a falling edge, and vice versa. <b>Note:</b> If you want to keep your existing setup using GPI3 unchanged, please keep the firmware version V 00.11 or below and do not update the firmware to higher versions for your Alvium G1 camera.
984	All	<b>TransferQueueMaxBlockCount</b> is incorrect when <b>TransferControlMode</b> is set to <i>Automatic</i> .
996	G1-510m/c	Sensor binning not working after digital binning has been used: After activating and deactivating sensor binning, binning cannot be set back to digital binning.
997	G1-510m/c	Disable of burst not working: Once the burst mode is activated by setting <b>TransferControlMode</b> to <i>Automatic</i> , it cannot be deactivated without performing a power cycle.
1041	G1-500m/c, G1-1240m/c, G1-2050m/c	DPC (defect pixel correction) is not working when <b>ReverseY</b> is turned on: For rolling shutter models, defect pixels may appear after turning on <b>ReverseY</b> .

Table 5: Resolved issues (Sheet 2 of 2)

## Known issues

Alvium ID	Affected models	Description
253	All	Auto mode feature <b>IntensityControllerOutliersDark</b> does not work properly.
338	G1-500m/c, G1-1240m/c, G1-2050m/c	If <b>AcquisitionStop</b> is executed shortly after <b>AcquisitionStart</b> , no image is transmitted.
856	All	DHCP server timeout issue: Acquisition may stop. Typically, temperature status still works.
961	All	Running with GigE Validation Framework v2.2 RC4, Alvium GigE cameras failed <b>DataPacketHeaders_ByteOrder</b> test.

Table 6: Known issues

## FW 00.12.00.00611a22e | 2nd update

Date of **2nd document update**: 2023-Nov-02

Date of 1st document update: 2023-Jul-04

Date of document release: 2023-Jun-15

### Supported models

Camera family	Model
Alvium	Alvium G1-030 VSWIR, G1-040m/c, G1-130 VSWIR, <b>G1-131m/c</b> , G1-158m/c, <b>G1-192m/c</b> , G1-234m/c, G1-240m/c, G1-319m/c, G1-500m/c, G1-507m/c, G1-510m/c, G1-811m/c, G1-812 UV, G1-895m/c, G1-1236m/c, G1-1242m/c, G1-1620m/c, G1-2040m/c, G1-2050m/c, G1-2460m/c

Table 7: Supported models

### New models

**Alvium G1-131m/c, G1-192m/c**

### Changed features

- Added **Sensor** option for **BinningSelector**. The existence of this option depends on the sensor. Please see the Alvium G1 User Guide or model data sheets.
- Added 12-bit sensor formats for cameras with 10-bit sensors for **PixelFormat**.
- Added Mono12Packed and BayerGR12Packed (G1-500c) or BayerRG12Packed (other models) for **PixelFormat**.

### New features

- Support for mandatory features according to GenICam SFNC V2.7
- GigE Vision V2.2 support
- Scheduled action commands: Can be used the same way as action commands.
- **LutValueAll** to write a complete LUT in one access
- **MultipleRegions** subcategory in the **ImageFormatControl** category. The existence of this feature and available arrangement modes depend on the sensor. Please see the Alvium G1 User Guide or model data sheets.
- Added **TestPendingAck** in the **TestControl** category.

### Resolved issues

Alvium ID	Affected models	Description
251	G1-2050m/c	If <b>ShutterMode</b> is changed after image acquisition, the <b>ExposureActive</b> signal disappears.
854	All	GP02 trigger direction error: GP02 can be set for both input and output, despite having only output capabilities.
890	All	GP02 is high during camera boot up for several seconds (usually 1 to 3 s).

Table 8: Resolved issues (Sheet 1 of 2)

Alvium ID	Affected models	Description
967	All	<b>BlackLevel1</b> is wrongly set after loading settings file: The camera incorrectly reports a <b>BlackLevel</b> value of $\theta$ , requiring it to be set to a different value and then reset to 0 in order to actually achieve a value of $\theta$ .
976	All	Opto-isolated Input GPI3 status is inverted. As a workaround, the rising edge signal must be treated as a falling edge, and vice versa. <b>Note:</b> If you want to keep your existing setup using GPI3 unchanged, please keep the firmware version V 00.11 or below and do not update the firmware to higher versions for your Alvium G1 camera.
984	All	<b>TransferQueueMaxBlockCount</b> is incorrect when <b>TransferControlMode</b> is set to <b>Automatic</b> .
996	G1-510m/c	Sensor binning not working after digital binning has been used: After activating and deactivating sensor binning, binning cannot be set back to digital binning.
997	G1-510m/c	Disable of burst not working: Once the burst mode is activated by setting <b>TransferControlMode</b> to <b>Automatic</b> , it cannot be deactivated without performing a power cycle.
1041	G1-500m/c, G1-1240m/c, G1-2050m/c	DPC (defect pixel correction) is not working when <b>ReverseY</b> is turned on: For rolling shutter models, defect pixels may appear after turning on <b>ReverseY</b> .

Table 8: Resolved issues (Sheet 2 of 2)

## Known issues

Alvium ID	Affected models	Description
253	All	Auto mode feature <b>IntensityControllerOutliersDark</b> does not work properly.
338	G1-500m/c, G1-1240m/c, G1-2050m/c	If <b>AcquisitionStop</b> is executed shortly after <b>AcquisitionStart</b> , no image is transmitted.
856	All	DHCP server timeout issue: Acquisition may stop. Typically, temperature status still works.
961	All	Running with GigE Validation Framework v2.2 RC4, Alvium GigE cameras failed <b>DataPacketHeaders_ByteOrder</b> test.

Table 9: Known issues

## FW 00.12.00.00611a22e | 1st update

Date of **document update**: 2023-Jul-04

Date of document release: 2023-Jun-15

### Supported models

Camera family	Model
Alvium	Alvium G1-030 VSWIR, G1-040m/c, G1-130 VSWIR, G1-158m/c, G1-234m/c, G1-240m/c, G1-319m/c, G1-500m/c, G1-507m/c, G1-510m/c, G1-811m/c, G1-812 UV, <b>G1-895m/c</b> , G1-1236m/c, G1-1242m/c, G1-1620m/c, G1-2040m/c, G1-2050m/c, G1-2460m/c

Table 10: Supported models

### New model

**Alvium G1-895m/c**

### Changed features

- Added **Sensor** option for **BinningSelector**. The existence of this option depends on the sensor. Please see the Alvium G1 User Guide or model data sheets.
- Added 12-bit sensor formats for cameras with 10-bit sensors for **PixelFormat**.
- Added Mono12Packed and BayerGR12Packed (G1-500c) or BayerRG12Packed (other models) for **PixelFormat**.

### New features

- Support for mandatory features according to GenICam SFNC V2.7
- GigE Vision V2.2 support
- Scheduled action commands: Can be used the same way as action commands.
- **LutValueAll** to write a complete LUT in one access
- **MultipleRegions** subcategory in the **ImageFormatControl** category. The existence of this feature and available arrangement modes depend on the sensor. Please see the Alvium G1 User Guide or model data sheets.
- Added **TestPendingAck** in the **TestControl** category.

### Resolved issues

Alvium ID	Affected models	Description
251	G1-2050m/c	If <b>ShutterMode</b> is changed after image acquisition, the <b>ExposureActive</b> signal disappears.
854	All	GP02 trigger direction error: GP02 can be set for both input and output, despite having only output capabilities.
890	All	GP02 is high during camera boot up for several seconds (usually 1 to 3 s).
967	All	<b>BlackLevel</b> is wrongly set after loading settings file: The camera incorrectly reports a <b>BlackLevel</b> value of <b>0</b> , requiring it to be set to a different value and then reset to 0 in order to actually achieve a value of <b>0</b> .

Table 11: Resolved issues (Sheet 1 of 2)

Alvium ID	Affected models	Description
976	All	Opto-isolated Input GPI3 status is inverted. As a workaround, the rising edge signal must be treated as a falling edge, and vice versa. <b>Note:</b> If you want to keep your existing setup using GPI3 unchanged, please keep the firmware version V 00.11 or below and do not update the firmware to higher versions for your Alvium G1 camera.
984	All	<b>TransferQueueMaxBlockCount</b> is incorrect when <b>TransferControlMode</b> is set to <b>Automatic</b> .
996	G1-510m/c	Sensor binning not working after digital binning has been used: After activating and deactivating sensor binning, binning cannot be set back to digital binning.
997	G1-510m/c	Disable of burst not working: Once the burst mode is activated by setting <b>TransferControlMode</b> to <b>Automatic</b> , it cannot be deactivated without performing a power cycle.
1041	G1-500m/c, G1-1240m/c, G1-2050m/c	DPC (defect pixel correction) is not working when <b>ReverseY</b> is turned on: For rolling shutter models, defect pixels may appear after turning on <b>ReverseY</b> .

Table 11: Resolved issues (Sheet 2 of 2)

## Known issues

Alvium ID	Affected models	Description
253	All	Auto mode feature <b>IntensityControllerOutliersDark</b> does not work properly.
338	G1-500m/c, G1-1240m/c, G1-2050m/c	If <b>AcquisitionStop</b> is executed shortly after <b>AcquisitionStart</b> , no image is transmitted.
856	All	DHCP server timeout issue: Acquisition may stop. Typically, temperature status still works.
961	All	Running with GigE Validation Framework v2.2 RC4, Alvium GigE cameras failed <b>DataPacketHeaders_ByteOrder</b> test.

Table 12: Known issues

## FW 00.12.00.00611a22e

Date of document release: 2023-Jun-15

### Supported models

Camera family	Model
Alvium	Alvium G1-030 VSWIR, G1-040m/c, G1-130 VSWIR, G1-158m/c, G1-234m/c, G1-240m/c, G1-319m/c, G1-500m/c, G1-507m/c, G1-510m/c, G1-811m/c, G1-812 UV, G1-1236m/c, G1-1242m/c, G1-1620m/c, G1-2040m/c, G1-2050m/c, G1-2460m/c

Table 13: Supported models

### New model

No new models were added.

### Changed features

- Added **Sensor** option for **BinningSelector**. The existence of this option depends on the sensor. Please see the Alvium G1 User Guide or model data sheets.
- Added 12-bit sensor formats for cameras with 10-bit sensors for **PixelFormat**.
- Added **Mono12Packed** and **BayerGR12Packed** (G1-500c) or **BayerRG12Packed** (other models) for **PixelFormat**.

### New features

- Support for mandatory features according to GenICam SFNC V2.7
- GigE Vision V2.2 support
- Scheduled action commands: Can be used the same way as action commands.
- **LutValueAll** to write a complete LUT in one access
- **MultipleRegions** subcategory in the **ImageFormatControl** category. The existence of this feature and available arrangement modes depend on the sensor. Please see the Alvium G1 User Guide or model data sheets.
- Added **TestPendingAck** in the **TestControl** category.

### Resolved issues

Alvium ID	Affected models	Description
251	G1-2050m/c	If <b>ShutterMode</b> is changed after image acquisition, the <b>ExposureActive</b> signal disappears.
854	All	GP02 trigger direction error: GP02 can be set for both input and output, despite having only output capabilities.
890	All	GP02 is high during camera boot up for several seconds (usually 1 to 3 s).
967	All	<b>BlackLevel</b> is wrongly set after loading settings file: The camera incorrectly reports a <b>BlackLevel</b> value of 0, requiring it to be set to a different value and then reset to 0 in order to actually achieve a value of 0.

Table 14: Resolved issues (Sheet 1 of 2)



Alvium ID	Affected models	Description
976	All	Opto-isolated Input GPI3 status is inverted. As a workaround, the rising edge signal must be treated as a falling edge, and vice versa. <b>Note:</b> If you want to keep your existing setup using GPI3 unchanged, please keep the firmware version V 00.11 or below and do not update the firmware to higher versions for your Alvium G1 camera.
984	All	<b>TransferQueueMaxBlockCount</b> is incorrect when <b>TransferControlMode</b> is set to <b>Automatic</b> .
996	G1-510m/c	Sensor binning not working after digital binning has been used: After activating and deactivating sensor binning, binning cannot be set back to digital binning.
997	G1-510m/c	Disable of burst not working: Once the burst mode is activated by setting <b>TransferControlMode</b> to <b>Automatic</b> , it cannot be deactivated without performing a power cycle.
1041	G1-500m/c, G1-1240m/c, G1-2050m/c	DPC (defect pixel correction) is not working when <b>ReverseY</b> is turned on: For rolling shutter models, defect pixels may appear after turning on <b>ReverseY</b> .

Table 14: Resolved issues (Sheet 2 of 2)

## Known issues

Alvium ID	Affected models	Description
253	All	Auto mode feature <b>IntensityControllerOutliersDark</b> does not work properly.
338	G1-500m/c, G1-1240m/c, G1-2050m/c	If <b>AcquisitionStop</b> is executed shortly after <b>AcquisitionStart</b> , no image is transmitted.
856	All	DHCP server timeout issue: Acquisition may stop. Typically, temperature status still works.
961	All	Running with GigE Validation Framework v2.2 RC4, Alvium GigE cameras failed <b>DataPacketHeaders_ByteOrder</b> test.

Table 15: Known issues

## FW 00.11.00.9cf0c21e | updated

Date of **document update**: 2023-Jan-09

Date of document release: 2022-Nov-14

### Supported models

Camera family	Model
Alvium	Alvium <b>G1-030 VSWIR</b> , G1-040m/c, <b>G1-130 VSWIR</b> , G1-158m/c, G1-234m/c, G1-240m/c, G1-319m/c, G1-500m/c, G1-507m/c, G1-510m/c, G1-811m/c, <b>G1-812 UV</b> , G1-1236m/c, G1-1242m/c, G1-1620m/c, G1-2040m/c, G1-2050m/c, G1-2460m/c

Table 16: Supported models

### New model

Alvium **G1-030 VSWIR**, **G1-130 VSWIR**, G1-510m/c, **G1-812 UV**

### Changed features

- **ActionControl** features have been tested and validated for proper function.
- The maximum value for **Gain** is increased to 48 dB for all models with Sony IMX global shutter sensors.
- Increments for **OffsetX** and **OffsetY** for camera models with Sony IMX global shutter sensor
- Reduced options for **SoftwareSignalSelector**

### New features

- Counter features in the **CounterAndTimerControl** category
- Ethernet Flow Control (configurable on NICs and Ethernet devices)
- **LineDebounceDuration** and **LineDebounceMode** in the **DeviceControl** category
- **SequencerControl** category
- **TransferControl** category with features to acquire a sequence of images as a burst

### Resolved issues

Alvium ID	Affected models	Description
806	Color models	Error in color transformation has been fixed.

Table 17: Resolved issues

### Known issues

Alvium ID	Affected models	Description
251	G1-2050m/c	If <b>ShutterMode</b> is changed after image acquisition, the <b>ExposureActive</b> signal disappears.
253	All	Auto mode feature <b>IntensityControllerOutliersDark</b> does not work properly.
338	G1-500m/c, G1-1240m/c, G1-2050m/c	If <b>AcquisitionStop</b> is executed shortly after <b>AcquisitionStart</b> , no image is transmitted.

Table 18: Known issues

## FW 00.11.00.9cf0c21e

Date of document release: 2022-Nov-14

### Supported models

Camera family	Model
Alvium	Alvium G1-040m/c, G1-158m/c, G1-234m/c, G1-240m/c, G1-319m/c, G1-500m/c, G1-507m/c, G1-510m/c, G1-811m/c, G1-1236m/c, G1-1242m/c, G1-1620m/c, G1-2040m/c, G1-2050m/c, G1-2460m/c

Table 19: Supported models

### New model

Alvium G1-510m/c

### Changed features

- **ActionControl** features have been tested and validated for proper function.
- The maximum value for **Gain** is increased to 48 dB for all models with Sony IMX global shutter sensors.
- Increments for **OffsetX** and **OffsetY** for camera models with Sony IMX global shutter sensor
- Reduced options for **SoftwareSignalSelector**

### New features

- Counter features in the **CounterAndTimerControl** category
- Ethernet Flow Control (configurable on NICs and Ethernet devices)
- **LineDebounceDuration** and **LineDebounceMode** in the **DeviceControl** category
- **SequencerControl** category
- **TransferControl** category with features to acquire a sequence of images as a burst

### Resolved issues

Alvium ID	Affected models	Description
806	Color models	Error in color transformation has been fixed.

Table 20: Resolved issues

### Known issues

Alvium ID	Affected models	Description
251	G1-2050m/c	If <b>ShutterMode</b> is changed after image acquisition, the <b>ExposureActive</b> signal disappears.
253	All	Auto mode feature <b>IntensityControllerOutliersDark</b> does not work properly.
338	G1-500m/c, G1-2050m/c	If <b>AcquisitionStop</b> is executed shortly after <b>AcquisitionStart</b> , no image is transmitted.

Table 21: Known issues

## FW 00.10.00.2cf3b22e | corrected

Date of **document update**: 2022-Aug-08

Date of document release: 2022-Jul-20

### Supported models

**Corrected**: Alvium **G1-235m/c** is not included.

Camera family	Model
Alvium	Alvium G1-040m/c, G1-158m/c, G1-234m/c, G1-240m/c, G1-319m/c, G1-500m/c, G1-507m/c, G1-811m/c, G1-1236m/c, G1-1242m/c, G1-1620m/c, G1-2040m/c, G1-2050m/c, G1-2460m/c

Table 22: Supported models

### New model

Alvium G1-234m/c

### Changed features

In previous firmware versions, **BlackLevel** values were adjusted to the pixel formats: 8-bit values for 8-bit pixel formats, 10 for 10, and 12 for 12. With this firmware update, the representation of **BlackLevel** is independent from the pixel format: 12-bit values are used for all pixel formats. Therefore, you may have to adjust your settings used with previous firmware versions.

**Corrected**: The maximum value for **Gain** is still **24 dB** for all models with Sony IMX global shutter sensors.

### New features

- **ActionControl** category: The features are not working properly yet. This will be fixed in the next firmware release.
- **GVCP** subcategory
- **PTPControl** category
- **SerialHub** subcategory for I/O control by UART
- **SoftwareSignalControl** subcategory to enable external devices to trigger actions within the camera by software commands (The features in this category are still in the testing phase and not fully validated.)

### Known issues

Alvium ID	Affected models	Description
251	G1-2050m/c	If <b>ShutterMode</b> is changed after image acquisition, the <b>ExposureActive</b> signal disappears.
253	All	Auto mode feature <b>IntensityControllerOutliersDark</b> does not work properly.
338	G1-500m/c, G1-2050m/c	If <b>AcquisitionStop</b> is executed shortly after <b>AcquisitionStart</b> , no image is transmitted.

Table 23: Known issues

## FW 00.10.00.2cf3b22e

Date of document release: 2022-Jul-20

**Note:** Data on this page is incorrect. Please see [FW 00.10.00.2cf3b22e | corrected](#) on page 12.

### Supported models

Camera family	Model
Alvium	Alvium G1-040m/c, G1-158m/c, G1-234m/c, G1-235m/c, G1-240m/c, G1-319m/c, G1-500m/c, G1-507m/c, G1-811m/c, G1-1236m/c, G1-1242m/c, G1-1620m/c, G1-2040m/c, G1-2050m/c, G1-2460m/c

Table 24: Supported models

### New models

Alvium G1-234m/c, G1-235m/c

### Changed features

In previous firmware versions, **BlackLevel** values were adjusted to the pixel formats: 8-bit values for 8-bit pixel formats, 10 for 10, and 12 for 12. With this firmware update, the representation of **BlackLevel** is independent from the pixel format: 12-bit values are used for all pixel formats. Therefore, you may have to adjust your settings used with previous firmware versions.

The maximum value for **Gain** was increased from 24 to 48 dB for all models with Sony IMX global shutter sensors.

### New features

- **ActionControl** category: The features are not working properly yet. This will be fixed in the next firmware release.
- **GVCP** subcategory
- **PTPControl** category
- **SerialHub** subcategory for I/O control by UART
- **SoftwareSignalControl** subcategory to enable external devices to trigger actions within the camera by software commands (The features in this category are still in the testing phase and not fully validated.)

### Known issues

Alvium ID	Affected models	Description
251	G1-2050m/c	If <b>ShutterMode</b> is changed after image acquisition, the <b>ExposureActive</b> signal disappears.
253	All	Auto mode feature <b>IntensityControllerOutliersDark</b> does not work properly.
338	G1-500m/c, G1-2050m/c	If <b>AcquisitionStop</b> is executed shortly after <b>AcquisitionStart</b> , no image is transmitted.

Table 25: Known issues

## FW 00.09.00.e23cb4e8

Date of document release: 2022-May-04

### Supported models

Camera family	Model
Alvium	Alvium G1-040m/c, G1-158m/c, G1-240m/c, G1-319m/c, G1-500m/c, G1-507m/c, G1-811m/c, G1-1236m/c, G1-1242m/c, G1-1620m/c, G1-2050m/c, G1-2050m/c, G1-2460m/c

Table 26: Supported models

### New models

Initial commercial release of Alvium G1-040m/c, G1-158m/c, G1-240m/c, G1-319m/c, G1-500m/c, G1-507m/c, G1-811m/c, G1-1236m/c, G1-1242m/c, G1-1620m/c, G1-2050m/c, G1-2050m/c, G1-2460m/c

### New features

Initial feature set

### Known issues

Alvium ID	Affected models	Description
251	G1-2050m/c	If <b>ShutterMode</b> is changed after image acquisition, the <b>ExposureActive</b> signal disappears.
253	All	Auto mode feature <b>IntensityControllerOutliersDark</b> does not work properly.
338	G1-500m/c, G1-2050m/c	If <b>AcquisitionStop</b> is executed shortly after <b>AcquisitionStart</b> , no image is transmitted.

Table 27: Known issues

## Contact us

### Website, email

#### General

[www.alliedvision.com/en/contact](http://www.alliedvision.com/en/contact)

[info@alliedvision.com](mailto:info@alliedvision.com)

#### Distribution partners

[www.alliedvision.com/en/avt-locations/avt-distributors](http://www.alliedvision.com/en/avt-locations/avt-distributors)

#### Support

[www.alliedvision.com/en/support](http://www.alliedvision.com/en/support)

[www.alliedvision.com/en/about-us/contact-us/technical-support-repair-/rma](http://www.alliedvision.com/en/about-us/contact-us/technical-support-repair-/rma)

#### Current firmware and release notes

<https://www.alliedvision.com/en/support/firmware-downloads>

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