

**Application Note:**

# **Prosilica GC Power Voltage Specification Update**

## Description

Beginning in April 2011, new Prosilica GC cameras shipped from the Canadian manufacturing location support an extended input power voltage range of 5-25 VDC. Existing customers are not affected by this capability and can continue to use the same power source. New customers that prefer a higher input voltage, such as 24 VDC can now use this to power the camera.

	Current	Cameras shipped before 2011-Apr-01
Voltage range	5-25 VDC	5-16 VDC

### How to determine if my camera offers the extended input power voltage range

The serial number is used to identify cameras that can be powered using 5-16 VDC and cameras that support 5-25 VDC. If last five characters of the camera serial number are  $\geq 08XXX$ , camera can support the extended input power voltage range (5-25 VDC). All cameras with serial numbers from 02-XXXXX-06000 to 02-XXXXX-07999 are limited to 5-16 VDC.

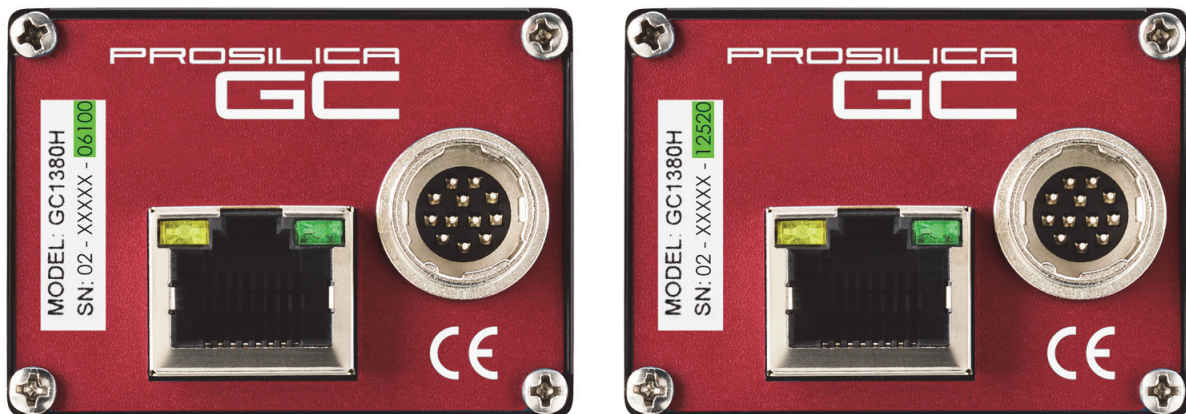


Figure 1: Prosilica GC back, Input Power Voltage Range: 5-16 VDC (Left) and 5-25 VDC (Right)

#### WARNING

Supplying 17 VDC or more to the power input of cameras that do not support the extended input power voltage range will damage the camera. This failure is not covered under warranty.

## Additional Examples

### Scenario #1:

- GC650 with the old voltage range would have the following p/n: 02-2110A-07794
- GC650 with the extended voltage range would have the following p/n: 02-2110A-17794

### Scenario #2:

- GC1290 with the old voltage range would have the following p/n: 02-2185A-05574
- GC1290 with the extended voltage range would have the following p/n: 02-2185A-15574

## Frequently Asked Questions

**Q.** Do I need a different power supply for these cameras?

**A.** No, the same power supply can be used

**Q.** Does this affect the price of the camera?

**A.** No

**Q.** Does this affect the performance of the camera?

**A.** No

**Q.** How does this affect the camera manual and other documentation?

**A.** Changes to the camera manual and related documentation will be introduced as soon as possible.

**Q.** What is the Prosilica GC camera family, where are these cameras on the Allied Vision website?

**A.** Prosilica GC series link:

**www**



Prosilica GC literature:

<http://www.alliedvision.com/en/support/technical-documentation>

For technical support, please contact [support@alliedvision.com](mailto:support@alliedvision.com).

For comments or suggestions regarding this document, please contact [info@alliedvision.com](mailto:info@alliedvision.com).

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