



## PRODUCT CHANGE NOTIFICATION

<b>PCN #:</b>	20120011A	<b>PCN ISSUE DATE:</b>	December 19, 2012																																				
<b>PCN TITLE:</b>																																							
Glass Window Change for Monochrome Cameras																																							
<b>REVISION:</b>	4.0	<b>CUSTOMER CONTACT:</b>	<a href="mailto:sales@ptgrey.com">sales@ptgrey.com</a>																																				
<b>TYPE OF CHANGE:</b>																																							
<input type="checkbox"/> Electrical Specification																																							
<input type="checkbox"/> Mechanical Specification																																							
<input checked="" type="checkbox"/> Optical Specification																																							
<input type="checkbox"/> Firmware Specification																																							
<input type="checkbox"/> Regulatory or Compliance																																							
<input type="checkbox"/> Part Number																																							
<input type="checkbox"/> Selling Price or Structure																																							
<input type="checkbox"/> End-Of-Life Status (enter new status)																																							
<b>AFFECTED PRODUCT FAMILIES:</b>																																							
This change has been applied to monochrome cameras in the following product family. Please see the next section for serial number cutover.																																							
<table border="1"><thead><tr><th>Camera Family</th><th>Camera Description</th></tr></thead><tbody><tr><td>BB2-XXXXM</td><td>IEEE-1394a Bumblebee2 Mono Cameras</td></tr><tr><td>BBX3-XXXXM</td><td>IEEE-1394b Bumblebee XB3 Mono Cameras</td></tr><tr><td>CMLN-13S2M</td><td>USB 2.0 Chameleon Mono Cameras</td></tr><tr><td>DR2-XXXXM</td><td>IEEE-1394a Dragonfly2 Mono Cameras</td></tr><tr><td>FFMV-XXXXM</td><td>IEEE-1394a FireFlyMV Mono Cameras</td></tr><tr><td>FL2-XXXXM</td><td>IEEE-1394b Flea2 Mono Cameras</td></tr><tr><td>FL3-FW-XXXXM</td><td>IEEE-1394b Flea3 Mono Cameras</td></tr><tr><td>FL3-GE-XXXXM</td><td>GigE Flea3 Mono Cameras</td></tr><tr><td>FL3-U3-XXXXM</td><td>USB 3.0 Flea3 Mono Cameras</td></tr><tr><td>FMVU-XXXXM</td><td>USB 2.0 FireFlyMV Mono Cameras</td></tr><tr><td>GRAS-XXXXM</td><td>IEEE-1394b Grasshopper Mono Camera</td></tr><tr><td>GS2-FW-XXXXM</td><td>IEEE-1394b Grasshopper2 Mono Camera</td></tr><tr><td>GS2-GE-XXXXM</td><td>GigE Grasshopper2 Mono Camera</td></tr><tr><td>GX-FW-28S4M</td><td>IEEE-1394b Grasshopper Express Mono Camera</td></tr></tbody></table>				Camera Family	Camera Description	BB2-XXXXM	IEEE-1394a Bumblebee2 Mono Cameras	BBX3-XXXXM	IEEE-1394b Bumblebee XB3 Mono Cameras	CMLN-13S2M	USB 2.0 Chameleon Mono Cameras	DR2-XXXXM	IEEE-1394a Dragonfly2 Mono Cameras	FFMV-XXXXM	IEEE-1394a FireFlyMV Mono Cameras	FL2-XXXXM	IEEE-1394b Flea2 Mono Cameras	FL3-FW-XXXXM	IEEE-1394b Flea3 Mono Cameras	FL3-GE-XXXXM	GigE Flea3 Mono Cameras	FL3-U3-XXXXM	USB 3.0 Flea3 Mono Cameras	FMVU-XXXXM	USB 2.0 FireFlyMV Mono Cameras	GRAS-XXXXM	IEEE-1394b Grasshopper Mono Camera	GS2-FW-XXXXM	IEEE-1394b Grasshopper2 Mono Camera	GS2-GE-XXXXM	GigE Grasshopper2 Mono Camera	GX-FW-28S4M	IEEE-1394b Grasshopper Express Mono Camera						
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<b>SERIAL NUMBER CUTOVER:</b>																																							
More part numbers and serial number will be added to this document as the change is applied to other part numbers.																																							
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FL2-08S2M-C	13111033	FMVU-03MTM-CS	13072177
FL2-14S3M-C	13096053	GRAS-03K2M-C	13035412
FL2-20S4M-C	13110113	GRAS-03S3M-C	13190168
FL2G-13S2M-C	13222864	GRAS-14S3M-C	13213029
FL2G-50S5M-C	13020520	GRAS-14S5M-C	13035424
FL3-FW-03S1M-C	13111315	GRAS-20S4M-C	13140918
FL3-FW-03S3M-C	13040647	GRAS-50S5M-C	13190216
FL3-FW-14S3M-C	13111457	GS2-FW-14S5M-C	13180010
FL3-FW-20S4M-C	13062996	GS2-GE-20S4M-C	13160391
FL3-GE-03S2M-C	12320996	GS2-GE-50S5M-C	13191262

#### CHANGE DESCRIPTION:

The protective glass windows used with monochrome cameras are being changed. The material of the new window is Schott B270 with anti-reflective coating on both sides. For more information regarding the transmittance properties of the new glass window, please refer to the supplementary information section at the end of the document.

This filter change is considered to be a minor revision with no impact on CE or FCC emissions compliance, no impact on Electro Magnetic Compatibility (EMC), and no significant change to existing functionality.

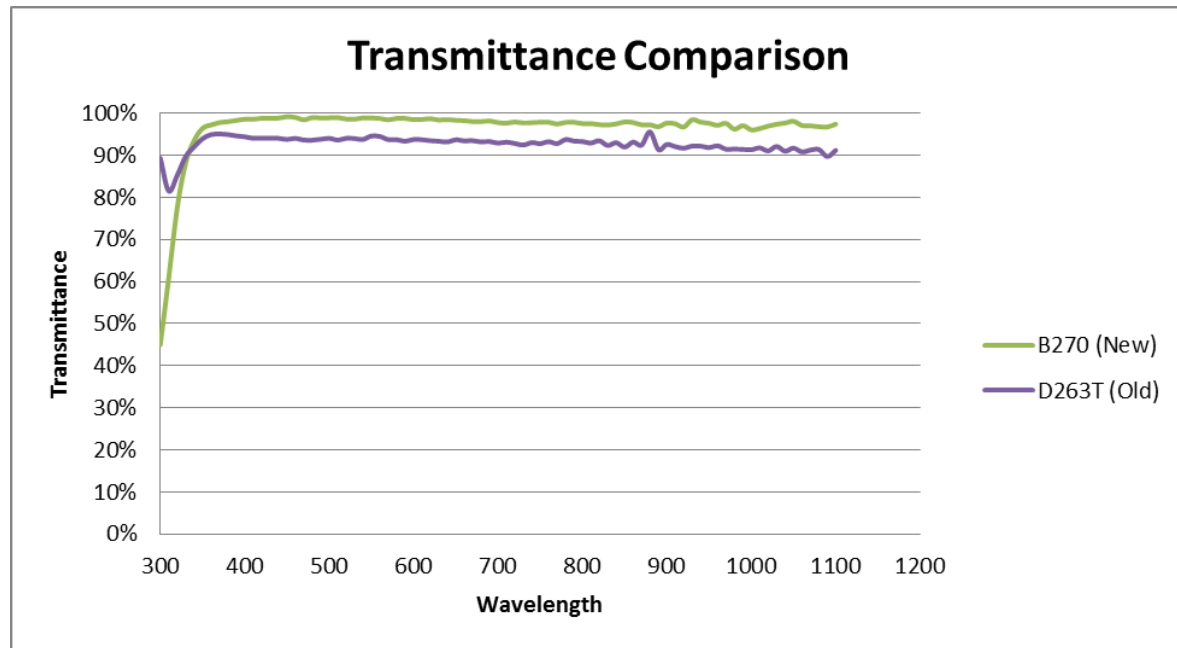
#### REASONS FOR CHANGE

Product improvement.

#### CUSTOMER ACTION REQUESTED / REQUIRED

No customer action required.

#### SUPPLEMENTARY INFORMATION



**Figure 1. Transmittance Comparison**