

Product Change Notification



Title:	Harrier 10x camera sensor change
Our reference:	PCN-0027-01
Date:	29 July 2021
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Product(s) affected:	Active Silicon products affected by this change: <ul style="list-style-type: none"> AS-CAM-10LHD-A AS-CAM-10SHD-A AS-CIB-3GSDI-002-10LHD-A AS-CIB-HDMI-001-10LHD-A AS-CIB-USBHDMI-002-10LHD-A
Description of change:	The Panasonic (Nuvoton) MN34422 sensor in the camera is being obsoleted and is being replaced by the Sony IMX462. There will be no other changes to the form, fit or function of the camera. As a result, it may be possible to detect slight differences in the optical imaging capabilities of the camera such as minimum illumination levels etc.
Affect that change has on operation:	For normal operation, there is no effect on the fit, form or function other than minor changes to the optical imaging capabilities of the camera (see above) and the camera identification inquiry (see below).
How to identify original and changed product:	The part number for the camera will be the same, but the original camera is issue 01 and the updated camera is issue 02. Cameras with the new sensor will respond to the camera module inquiry VISCA <i>CAM_Modellnq</i> inquiry with a different response that also depends on the camera model. CAM_Modellnq inquiry: 8x 09 00 37 FF (x = 1 to 7: camera address) Camera response (LHD in the part number): Issue 01: y0 50 00 4E 5A 01 04 FF (y = 9 to F: camera address + 8) Issue 02: TBD Camera response (SHD in the part number): Issue 01: y0 50 00 5E 5A 01 04 FF (y = 9 to F: camera address + 8) Issue 02: TBD
Date that changed product will be shipped:	Production quantities available from December 2021. Sample quantities available sooner on request.
Notes:	Last time buy orders for the issue 01 camera can be made up until 17 September 2021, after this date orders may no longer be accepted.