

	Doc or ECO #:	ECO-CAH-001N4-003	Date:	1/31/2019	Author:	CH
	Rev. #:	A				
Pro4 NTSC and PAL Rev2 camera settings	Engineering Approval:	aeg	Date:	2/5/2019	Quality Approval	DO

P/N #:	CAH-001N4	Effective Date:	January 31, 2019
Title:	Pro4 NTSC and PAL Rev2 Cameras Setting		

1.0 Purpose / Summary

Pro4 NTSC and PAL camera setting were updated to improve image quality in bright settings. These settings only apply to Rev 2 cameras.

2.0 Parts Affected

Part Number	Notes	Removed	Added	Modified
CAH-001N4	Camera Package Front (Pro 4) (NTSC)	☐	☐	☒
CAH-001P4	Camera Package Front (Pro 4) (PAL)	☐	☐	☒

3.0 Detail

During Incoming QC, it was noticed that Pro4 camera image would wash out (image too bright) when the lights were on over 3% in water. This would impede the user from viewing any objects on screen while operating the ROV.

The IRIS setting in the camera menu was updated to E/S to handle lighting and overall improve visibility in bright environments. Cameras settings document was updated to include this change and should be applied to all NTSC and PAL cameras. Note, this only applies to Rev 2 cameras.

4.0 Disposition of Material

QC will adjust settings on all REV 2 cameras in house before moving to stock.

5.0 Action Items

Action	Department	Acknowledgement Initials
Update camera settings document	Engineering	CH
Adjust in house camera setting according to the "Pro4 cameras Settings ACE-WDR38CHB"	QC	GM
Inform PPI of the change in settings and provide appropriate documents including this ECO and "Pro4 cameras Settings ACE-WDR38CHB"	Purchasing	NS

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6.0 Modified / Referenced Documents:

Document	Current Revision
WI-CAH-001N4-Pro4 Camera Settings ACE-WDR38CHB	A

7.0 Revision History

Date Revised (mm-dd-yyyy)	Location of Change (section, paragraph no., step no., etc.)	Description of Change Made	Name of Person making the Change
9/11/2018		Initial release	GD