

	Document#:	VR-PRO4-13-0002-N-CameraBoard - 002	Date:	08/11/2016	Author:	CH
	Rev. #:	A				
ECO for new camera board revision	Engineering Approval:	AEG	Date:	11/16/2017	Quality Approval	DO

P/N #:	VR-PRO4-13-0002-N-CameraBoard	Effective Date:	August 11, 2017
Title:	New camera board revision		

1.0 Purpose / Summary

The PR04 camera board would produce an image with improper color consistency if there was a significant amount of red in the scene.

The supplier (KT&C) modified the camera to correct the problem

2.0 Parts Affected

Part Number	Notes	Removed	Added	New	Modified
VR-PRO4-13-0002-N-CameraBoard	Camera Assembly Front (Pro 4) (NTSC) Camera Board Only	☐	☐	☐	☒

3.0 Detail

KT&C discontinued the camera board being used in Pro4 camera assemblies.

Rev0 was implemented as a direct replacement with no modification needed. Low light components were removed from new camera boards. There was supposed to be no change in functionality.

It was determined that when imaging scenes with significant amount of red color present there would be color consistency problems in the entire image.

KT&C rev'd the board to correct the problem The new board is Rev1. This does not affect any other functionality or fit or function.

Incoming QC will be stamping each camera with a unique serial number "yearREV1xxx" for tracking purposes.

	Document#:	VR-PRO4-13-0002-N-CameraBoard - 002	Date:	08/11/2016	Author:	CH
	Rev. #:	A				
ECO for new camera board revision	Engineering Approval:	AEG	Date:	11/16/2017	Quality Approval	DO

4.0 Disposition of Material

A small number (9) of REV0 camera modules on hand will be held in quarantine for release on waiver and used for repairs.

5.0 Action Items

Action	Department	Acknowledgement Initials
Create new Revision in Epicor for VR-PRO4-13-0002-N	PE	CH
- Provide all camera assemblies with Rev0 camera boards in quarantine to Purchasing for rework - Stamp all Rev1 cameras with unique serial number following "yearREV1xxx" scheme	QC	DO
Coordinate with PPI on RMA of camera boards with KT&C	Purchasing	NS

6.0 Modified / Referenced Documents:

Document	Current Revision
NA	NA

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
08/11/2017		New release	CH