



F-PM-01: Product Change Notification

Rev. 1.0

Released Date: 12-May-2022

PCN # 2025006		Issued Date 07/23/2025	
PCN Title TRI054S-CC and TDR054S-CC calibration process update.			
Document Version 1.0		Customer Contact Sales@thinklucid.com	
PCN TYPE	<input type="checkbox"/> Electrical Specification	<input type="checkbox"/> Regulatory or Compliance	
	<input type="checkbox"/> Mechanical Specification	<input type="checkbox"/> Part Number Change	
	<input type="checkbox"/> Optical Specification	<input type="checkbox"/> End of Life	
	<input checked="" type="checkbox"/> Firmware Specification	<input type="checkbox"/> Other	
	Affected Part Number(S)		
PART NUMBER		DESCRIPTION	
TRI054S-CC		Triton Camera IMX490 5.4MP Color C-Mount	
TDR054S-CC		Triton HDR Camera IMX490 5.4MP Color C-Mount	

Reason and Description of the Product Change

The calibration process has been revised for cameras equipped with the IMX490 sensor, leading to an update of the camera firmware to version v1.138.0.0. This update is not a breaking change—older cameras can be upgraded to this firmware, and newer cameras can be downgraded to a previous version if needed.

Important Note: If a camera with a newer serial number (incorporating this change) is downgraded to an older firmware version, there is a very small risk of image corruption at high temperatures. While this issue is unlikely, it is a potential concern to be aware of.

Serial number cutoff for cameras with calibration update:

PART NUMBER	DESCRIPTION	SERIAL NUMBER CUT-OFF
TRI054S-CC	Triton Camera IMX490 5.4MP Color C-Mount	251700679
TDR054S-CC	Triton HDR Camera IMX490 5.4MP Color C-Mount	251700675

Recommended Action for Customers

Please contact Sales@thinklucid.com if you have any questions or concerns regarding the calibration update for TRI054S-CC and TDR054S-CC.