

Technical Support

Technical Bulletin

Distribution:	Application Engineers, Technical Support Engineers, Vision Solutions Engineers, Technical Documentation Group, Worldwide Sales	☐ INTERNAL ONLY
Bulletin No.:	TB-13-003	☒ Internal & Customers (as needed)
Date:	11/15/2013	☐ Internal & Customers (MANDATORY)
Product:	MVS-8600	
Title: MVS-8600 Image Corruption with Large Images from Line Scan Cameras		

An issue exists with the Cognex MVS-8600 CameraLink Frame Grabber which can cause large images acquired from CameraLink line scan cameras to exhibit image data corruption. This issue can affect both the Basler Racer and Cognex CIC CameraLink line scan cameras.

This issue can occur whenever an image larger than **102 MB** is acquired. Images of this size or larger may exhibit a band of black pixels near the bottom of the image. The following table gives the maximum number of lines per image that can be acquired without experiencing this problem for the different line scan cameras.

CIC Camera Model	Basler Camera Model	Maximum Number of Lines
CAM-RCR-4096-80KM	Racer raL4096	26240
CAM-RCR-6144-80KM	Racer raL6144	17500
CAM-RCR-8192-80KM	Racer raL8192	13120

To prevent this problem from happening, users must ensure that their acquired image sizes do not exceed the limits given above.