Engineering Design Team (EDT) - Certificate of Volatility

Model:	Part Numbers:	Address:
VisionLink XMC, all variations	019-15839, 019-15839-00, 019-15839-10	**Engineering Design Team, Inc.** 3423 NE John Olsen Avenue Hillsboro, OR 97124 U.S.A. +1-503-690-1234 or 1-800-435-4320

Volatile Memory

Does the device contain volatile memory (memory whose contents are lost when power is removed)?

☑ Yes ☐ No If yes, describe the type, size, function, and steps to clear the memory below

Type (SRAM, DRAM, etc):	Size:	User Modifiable:	Function:	Steps to clear memory:
FPGA	N/A	☑ Yes ☐ No	Framegrabber	Power off board
Type (SRAM, DRAM, etc): MSP430F2272IRHAT microcontroller	Size: 1KB	User Modifiable: ☐ Yes ☑ No	Function: IRIG-B	Steps to clear memory: Power off board
Type (SRAM, DRAM, etc): MSP430G2553 microcontroller	Size: 512B	User Modifiable: ☐ Yes ☑ No	Function: Status LED, POCL	Steps to clear memory: Power off board

Non-Volatile Memory

Does the device contain non-volatile memory (memory whose contents are retained when power is removed)?

☑ Yes ☐ No If yes, describe the type, size, function, and steps to clear the memory below

Type (Flash, EEPROM, etc):	Size:	User Modifiable:	Function:	Steps to clear memory:
MSP430F2272IRHAT microcontroller	32 KB	☐ Yes ☑ No	IRIG-B	Contact EDT
Type (Flash, EEPROM, etc): MSP430G2553 microcontroller	Size: 16 KB	User Modifiable: ☐ Yes ☑ No	Function: Status LED, POCL	Steps to clear memory: Contact EDT
Type (Flash, EEPROM, etc): SPI Flash N25Q064A13ESE40G **OR** MT25QL128ABA1ESE	Size: 64Mbit **OR** 128 Mbit	User Modifiable: ☑ Yes ☐ No	Function: Configuration Memory	Steps to clear memory: Contact EDT
Type (Flash, EEPROM, etc): Serial EEPROM, 24LC128-I/SN	Size: 128 Kbit	User Modifiable: ☑ Yes ☐ No	Function: IPMI serial eeprom FRU information	Steps to clear memory: Contact EDT

Mass Storage				
Does the device contain mass storage memory (Hard Disk Drive, Tape Backup)? ☐ Yes ☑ No If yes, describe the type, size, function, and steps to clear the memory below				
Type (HDD, Tape, etc):	Size:	User Modifiable: ☐ Yes ☐ No	Function:	Steps to clear memory:

USB
Does the item accept USB input and if so, for what purpose (i.e. Print Jobs, device firmware updates, scan upload)? ☐ Yes ☑ No If yes, describe the type, size, function, and steps to clear the memory below
Can any data other than scan upload be sent to the USB device)? ☐ Yes ☑ No If yes, describe the type, size, function, and steps to clear the memory below

RF/RFID	
Does the item use RF or RFID for receive or transmit of any data including remote diagnostics (e.g. Cellular phone, Bluetooth)? ☐ Yes ☑ No If yes, describe the type, size, function, and steps to clear the memory below	
Purpose:	
Frequency:	Bandwidth:
Modulation:	Effective Radiate Power (ERP):
Specifications:	

Other Transmission Capabilities	
Does the device employ any other methods of non-wired access to transmit or receive any data whatsoever (e.g. anything other than standard hard wired TCP/IP, direct USB, or parallel connections)? ☐ Yes ☑ No If yes, describe below	
Frequency:	Bandwidth:
Modulation:	Effective Radiate Power (ERP):
Specifications:	

Other Capabilities
Does the device employ any other method of communications such as a Modem to transmit or receive any data whatsoever? ☑ Yes ☐ No If yes, describe below:
Device's primary purpose is to receive Camera Link format image data and transfer to computer memory via Direct Memory Access. Additionally, device is capable of transmitting and receiving command and control signals on the Camera Link connector CC lines, IRIG-B data on the IRIG-B connector (subset of part numbers with IRIG capability), and trigger signals (input and output) via the optocoupler pins.
Specifications:

Author Information			
Name	Title	Email	Department
Tom Lane	Hardware Engineer	tom@edt.com	Eng
Date Prepared:			