Engineering Design Team (EDT) - Certificate of Volatility						
Model: VisionLink F1, all variations	Part Numb 019-14836		19-14852-0X, 019-14852-1X, 019-	Address: Engineering Design Team, Inc.		
VisionLink F4, all variations	14853-0X,	019-14853-1X, 019-1	4854-0X, 019-14854-1X, 019-	3423 NE John Olsen Avenue		
			4857-0X, 019-14857-1X, 019- 5100-0X, 019-15100-1X, 019-	Hillsboro, OR 97124 U.S.A.		
			5292-0X, 019-15100-1X, 019-	+1-503-690-1234 or 1-800-435-4320		
		019-15367-1X	, , , , , , , , , , , , , , , , , , , ,			
		Vo	olatile Memory			
✓ Yes No If yes, describe	e the type, s	size, function, and step				
Type (SRAM, DRAM, etc):	Size:	User Modifiable:	Function:	Steps to clear memory:		
MT41K64M16TW-107:J DDR3 SDRAM	1MBit	✓ Yes No	FIFO	Power off board		
DDR3 SDRAIVI						
Type (SRAM, DRAM, etc):	Size:	User Modifiable:	Function:	Steps to clear memory:		
5CGTFD5C5U19C7N	N/A	Yes No	Framegrabber	Power off board		
FPGA						
Type (SRAM, DRAM, etc):	Size:	User Modifiable:	Function:	Steps to clear memory:		
MSP430G2553	512B	Yes VNo	Status LED, IRIG-B, POCL	Power off board		
microcontroller						
		Non	-Volatile Memory			
		non-volatile memory (r	memory whose contents are retained	ed when power is removed)?		
Yes No If yes, describe Type (Flash, EEPROM, etc):	e the type, s Size:	size, function, and step User Modifiable:	os to clear the memory below Function:	Steps to clear memory:		
MSP430G2553	16 KB	Yes VNo	Status LED, IRIG-B, POCL	Contact EDT		
microcontroller	101.2		010100 110, 2,	Odinas. 25 .		
Type (Flash, EEPROM, etc):	Size:	User Modifiable:	Function:	Steps to clear memory:		
SPI Flash	64Mbit	✓ Yes No	Configuration Memory	Contact EDT		
N25Q064A13ESE40G <b>OR</b>	<b>OR</b> 128					
MT25QL128ABA1ESE	Mbit					
Mass Storage						
Does the device contain mass		emory (Hard Disk Drive	e, Tape Backup)?			
	e the type, s Size:	size, function, and step User Modifiable:	os to clear the memory below Function:	Totana ta algar mamany		
Type (HDD, Tape, etc):	Size:	Yes No	Function:	Steps to clear memory:		
		☐ 162 ☐ IAO				

	USI	В			
Does the item accept USB input and if	so, for what purpose (i.e. Print Jol	bs, devic	e firmware updates, scan upload)?		
Yes No If yes, describe the typ	e, size, function, and steps to clea	r the me	mory below		
	-		•		
Can any data other than scan upload b	ne sent to the LISB device)?				
	e, size, function, and steps to clea	r the me	mory below		
Tes       NO II yes, describe the typ	e, size, furiction, and steps to clea	ii tile ille	nory below		
	RF/RI	EID			
Door the item use DE or DEID for you			a diagnostica (a.g. Callular phana Dh	unto oth\0	
Does the item use RF or RFID for rece		-		Jetooth)?	
	e, size, function, and steps to clea	ar the me	mory below		
Purpose:					
Frequency:	Bandwidth:	· · · ·			
Modulation:	Effective Radiate P	ower (El	<del>(P):</del>		
Specifications:					
	Other Transmissi				
Does the device employ any other met				•	
other than standard hard wired TCP/IP	, direct USB, or parallel connection	ns)?	Yes  ✓ No <b>If</b>	yes, describe below	
Frequency:			Bandwidth:		
Modulation:			Effective Radiate Power (ERP):		
Specifications:					
	Other Cap	abilities	3		
Does the device employ any other met	hod of communications such as a	Modem	to transmit or receive any data whats	oever?	
✓ Yes No If yes, describe below			•		
Device's primary purpose is to receive		nd transf	er to computer memory via Direct Me	emory Access.	
Additionally, device is capable of trans					
data on the IRIG-B connector (subset					
,		377			
Specifications:					
	Author Info	ormatio	n		
Name	Title		Email	Department	
Jeff Morgan	Hardware Engineer		jeff@edt.com	Eng	

Date Prepared: 2/6/2019

Engineering Design Team (EDT) - Certificate of Volatility							
Model: VisionLink F1, all variations VisionLink F4, all variations	Part Numbers: 019-14836-2X, 019-14852-2X, 019-14853-2X, 019-14854-2X, 019- 14856-2X, 019-14857-2X, 019-15005-2X, 019-15100-2X, 019- 15104-2X, 019-15292-2X, 019-15367-2X			Address: Engineering Design Team, Inc. 3423 NE John Olsen Avenue Hillsboro, OR 97124 U.S.A. +1-503-690-1234 or 1-800-435-4320			
			olatile Memory				
	Does the device contain volatile memory (memory whose contents are lost when power is removed)?  Ves No If yes, describe the type, size, function, and steps to clear the memory below						
Type (SRAM, DRAM, etc): 5CGTFD5C5U19I7N FPGA	Size: N/A	User Modifiable:  ✓ Yes	Function: Framegrabber	Steps to clear memory: 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			
			-Volatile Memory				
Does the device Yes No If yes, describe		non-volatile memory (r	nemory whose contents are retained	ed when power is removed)?			
	Size: 32 KB	User Modifiable: ☐ Yes ☑ No	Function: IRIG-B	Steps to clear memory: 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 <b>OR</b> MT25QL128ABA1ESE	Size: 64Mbit OR 128 Mbit	User Modifiable:  Ves No	Function: Configuration Memory	Steps to clear memory: Contact EDT			
	Mass Storage						
Does the device contain mass							
Type (HDD, Tape, etc):		Size, function, and step User Modifiable:  Yes No	os to clear the memory below Function:	Steps to clear memory:			

	USB			
Does the item accept USB input and if so	o, for what purpose (i.e. Print Jobs, devi-	ce firmware updates, scan upload)?		
Yes No If yes, describe the type,	size, function, and steps to clear the me	emory below		
	•	•		
Can any data other than scan upload be	sent to the USB device\?			
	size, function, and steps to clear the me	amory helow		
Tes	size, function, and steps to clear the me	erriory below		
	RF/RFID			
December items are DE on DEID for many		ta diamantina (a.a. Callular abara Diua		
Does the item use RF or RFID for receiv			.00tn) ?	
	size, function, and steps to clear the me	emory below		
Purpose:	In the second			
Frequency:	Bandwidth:	(DD)		
Modulation:	Effective Radiate Power (E	RP):		
Specifications:				
	Other Transmission Cap			
Does the device employ any other method			•	
other than standard hard wired TCP/IP, or	direct USB, or parallel connections)?	Yes _✓ No If ye	es, describe below	
Frequency:		Bandwidth:		
Modulation:		Effective Radiate Power (ERP):		
Specifications:				
	Other Capabilitie	s		
Does the device employ any other method	od of communications such as a Modem	to transmit or receive any data whatsoe	ver?	
Yes No If yes, describe below:		·		
Device's primary purpose is to receive C	amera Link format image data and trans	fer to computer memory via Direct Mem-	ory Access.	
Additionally, device is capable of transm				
data on the IRIG-B connector (subset of				
,	7,,			
Specifications:				
	Author Information			
Name	Title	Email	Department	
Jeff Morgan	Hardware Engineer	jeff@edt.com	Eng	

Date Prepared: 2/6/2019