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### DVT to Cognex In-Sight & VisionPro Cross Reference

Product								In-Sight 5000 Series:							
DVT	Model	Resolution	Imager Size (in)	CCD/CMOS	FPS or (KHz)	IP Rating	Processor Speed vs. DVT 515	IS5100-(00/10)	IS5100-C(00/10)	IS5400-(00/10)	IS5400-C(00/10)	IS5400-CS(00/10)	IS5400-S(00/10)	IS5600-(00/10)	
								640x480	640x480	640x480	640x480	640x480	640x480	640x480	640x480
								1/3	1/3	1/3	1/3	1/3	1/3	1/3	1/3
								CCD	CCD	CCD	CCD	CCD	CCD	CCD	CCD
								42	42	42	42	42	42	42	42
								67	67	67	67	68	68	67	67
								4.5	4.5	8	8	8	8	8	16
		515	640x480	1/3	CMOS	60	51	1	X		X			X	X
		535	640x480	1/3	CCD	60	51	1.5	X		X			X	X
		535C	640x480	1/3	CCD	60	51	1		X		X			
	545	640x480	1/3	CCD	60	51	4	X		X			X	X	
	545C	640x480	1/4	CCD	30	51	4		X		X				
	550	640x480	1/3	CCD	75	51	6			X			X	X	
	554	1280x1024	1/2	CCD	8	51	6								
	554C	1280x1024	1/2	CCD	23	51	6								
	XE-554M	1280x1024	1/2	CCD	8	67	6								
	XE-554C	1280x1024	1/2	CCD	23	67	6								
	XS	640x480	1/3	CCD	75	51	6			X			X	X	
	XE-550M	640x480	1/3	CCD	75	51	6			X			X	X	
	XE-552C	640x480	-	-	-	67	?								
	LS-5C	2048x1	1	CMOS	(18kKHz)	51	6								
	XE-LS	2048x1	1	CMOS	(18kKHz)	67	6								

Product								In-Sight 5000 Series:				VisionPro		
DVT	Model	Resolution	Imager Size (in)	CCD/CMOS	FPS or (KHz)	IP Rating	Processor Speed vs. DVT 515	IS5401-(00/10)	IS5403-(00/10)	IS5403-S(00/10)	IS5603-(00/10)	514-8K Linescan	5MP-16MP	
								1024x768	1600x1200	1600x1200	1600x1200	1600x1200	Varies	Varies
								1/3	1/1.8	1/1.8	1/1.8	1/1.8	Varies	Varies
								CCD	CCD	CCD	CCD	CCD	CCD	
								17	13	13	13	(98KHz-18kKHz)	210-3	
								67	67	68	67	IP51	IP51	
								8	8	8	16	Based on PC	Based on PC	
		515	640x480	1/3	CMOS	60	51	1						X
		535	640x480	1/3	CCD	60	51	1.5						X
		535C	640x480	1/3	CCD	60	51	1						X
	545	640x480	1/3	CCD	60	51	4						X	
	545C	640x480	1/4	CCD	30	51	4						X	
	550	640x480	1/3	CCD	75	51	6						X	
	554	1280x1024	1/2	CCD	8	51	6	X	X	X	X		X	
	554C	1280x1024	1/2	CCD	23	51	6	X	X	X	X		X	
	XE-554M	1280x1024	1/2	CCD	8	67	6	X	X	X	X		X	
	XE-554C	1280x1024	1/2	CCD	23	67	6	X	X	X	X		X	
	XS	640x480	1/3	CCD	75	51	6						X	
	XE-550M	640x480	1/3	CCD	75	51	6						X	
	XE-552C	640x480	-	-	-	67	?						X	
	LS-5C	2048x1	1	CMOS	(18kKHz)	51	6					X		
	XE-LS	2048x1	1	CMOS	(18kKHz)	67	6					X		

Notes:  
 \* 00 = No PatMax; -10 = PatMax Enabled; C= Color; S= Stainless Steel  
 \* All Systems come with the Following Toolset  
 \*\* OCV  
 \*\* OCR  
 \*\* READID - 1D, 2D, PDF417, and QR  
 \*\* PatFind