



# SCORPION VISION SOFTWARE® VERSION X TOOLS

DESCRIPTION		Image Logger	Lite	Basic	Premium	Server	Maintenance	OpenSource	x - included Option Type
<b>VISION TOOLS</b>									
<b>Basic</b>	61 Blob1		X	X	X	X	X		10-094-nnn Tool upgrade (nnn=tool number)
	60 Blob3			X	X	X	X		
	54 ColorMatcher		X	X	X	X	X		
	59 Goto		X	X	X	X	X		
	74 ImageCombiner			X	X	X	X		
	55 ImageConverter	X	X	X	X	X	X		
	129 ImageExtrema			X	X	X	X		
	77 ImageFilter		X	X	X	X	X		
	147 ImageMixer			X	X	X	X		
	75 Intensity	X	X	X	X	X	X		
	1 Logic	X	X	X	X	X	X	X	
	113 PolarUnwrap			X	X	X	X		
	3 PythonScript	X	X	X	X	X	X	X	
	102 Separator		X	X	X	X	X	X	
	21 SimpleMath		X	X	X	X	X	X	
<b>Data</b>	86 Classifier			X	X	X	X		10-094-nnn Tool upgrade (nnn=tool number)
	93 DataImport			X	X	X	X		
	66 ExternalData		X	X	X	X	X	X	
	71 ExternalDictionary			X	X	X	X		
	38 ExternalLine		X	X	X	X	X		
	14 ExternalLogic		X	X	X	X	X		
	39 ExternalPoint		X	X	X	X	X		
	76 ExternalPolygon			X	X	X	X		
	2 ExternalScalar		X	X	X	X	X		
	40 ExternalText		X	X	X	X	X		
	86 Classifier			X	X	X	X		
	4 LinearScale		X	X	X	X	X		
	18 LogicPack		X	X	X	X	X		
	92 Toolbox			X	X	X	X		
	94 ToolImport			X	X	X	X		
<b>Edge</b>	67 CircleGauger			X	X	X	X		10-094-nnn Tool upgrade (nnn=tool number)
	16 LineEdgeCaliper		X	X	X	X	X		
	17 LineEdgeFaults			X	X	X	X		
	8 LineEdgeFinder		X	X	X	X	X		
	41 LineFinder			X	X	X	X		
	89 LineFinder2				X	X	X		
	35 RadialArcFinder			X	X	X	X		
	65 WidthGauger			X	X	X	X		
<b>Geometry</b>	51 Angle		X	X	X	X	X		10-094-nnn Tool upgrade (nnn=tool number)
	64 CenterLineFromLines			X	X	X	X		
	124 CircleCircleIntersect			X	X	X	X		
	123 CircleLineIntersect			X	X	X	X		
	31 LineFromPoints		X	X	X	X	X		
	136 MoveLine		X	X	X	X	X		
	135 MovePoint		X	X	X	X	X		
	134 MovePolygon			X	X	X	X		
	28 NearestPointOnLine		X	X	X	X	X		
	68 NormalLine			X	X	X	X		
	29 PointFromLines		X	X	X	X	X		
	30 PointOnLine		X	X	X	X	X		
	27 PolarLine		X	X	X	X	X		
<b>Reference</b>	15 Calibrator			X	X	X	X		10-094-nnn Tool upgrade (nnn=tool number)
	32 ChangeLineReference			X	X	X	X		
	33 ChangePointReference			X	X	X	X		
	83 ChangeReference			X	X	X	X		
	9 ExternalReference			X	X	X	X		
	69 LineReference			X	X	X	X		
	131 ModifyReference			X	X	X	X		
	10 MoveReference	X	X	X	X	X	X	X	
	12 PointLineReference		X	X	X	X	X		
	11 ScaleReference	X	X	X	X	X	X	X	
<b>Advanced</b>	87 Blob4				X	X	X		10-091-nnn Advanced tool upgrade (nnn=tool number)
	153 CircleSegmentor				X	X	X		
	80 ColorAnalyzer			X	X	X	X		
	57 ColorSegmentor			X	X	X	X		
	70 ImageResampler	X		X	X	X	X		
	47 MultiBlob			X	X	X	X		
	62 PolygonMatch			X	X	X	X		
	84 PolygonMatch2				X	X	X		



x - included o - option

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Advanced	85	PolyLineEdgeFaults2			X	X	X		10-091-nnn Advanced tool upgrade (nnn=tool number)
	49	PolyLineGapFinder			X	X	X		
	128	SingleLineFinder		X	X	X	X		
	91	SurfaceAnalyzer			X	X	X		
	43	TemplateFinder	X	X	X	X	X		
	44	TemplateFinder2		X	X	X	X		
	63	TemplateFinder3			X	X	X		
	53	TextureMatcher		X	X	X	X		
<b>SCORPION TOOL COMPONENTS</b>									
<b>OPTIONAL 3D TOOLS</b>									
<b>3D Basic</b>									
Geometry	100	Angle3D							10-095 Basic 3D Add on
	155	Calibrator3D							
Reference	120	ChangeLineReference3D							
Reference	119	ChangePointReference3D							
Reference	96	ChangeReference3D							
	146	ConnectComponents3D							
	112	CylinderFit3D							
	151	Difference3D							
Data	104	ExternalLine3D							
Data	103	ExternalPoint3D							
Reference	95	ExternalReference3D							
	122	ExtractMap3D							
Reference	108	GlobalPosition3D							
	145	ImagePicker3D							
Geometry	98	LineFromPoints3D							
	97	Locate3D							
	125	MapTo3D							
Geometry	138	MoveLine3D							
Geometry	137	MovePoint3D	o	o	o	o	o		
Reference	107	MoveReference3D							
Geometry	101	NearestPointOnLine3D							
Geometry	118	NearestPointOnPlane3D							
	150	NormalizedPinholeRef							
	105	ObjectPosition3D							
	140	PCA3D							
	121	PlaneFit3D							
	142	PlaneLineIntersect3D							
	139	PlanePlaneIntersect3D							
Geometry	116	PointFromLines3D							
Geometry	130	PointOnLine3D							
Geometry	106	Point2DFrom3D							
Geometry	115	Point3DFrom2D							
Reference	126	ReferenceDiff3D							
Reference	117	ReferenceFromLines3D							
Reference	99	ReferenceFromPoints3D							
Reference	143	ReferenceOnPlane3D							
	141	SphereFit3D							
	144	TemplateMatch3D							
3D Advanced	109	CreatePointCloud3D							10-100 3D Advanced Add on
	148	CameraPose3D	o	o	o	o	o		
	152	MaMa3D							
	149	MonoPose3D							
<b>FEATURES</b>									
RS 232		X	X	X	X	X	X	X	
TCP/IP		X	X	X	X	X	X	X	
OPC Client		Option	Option	Option	Option	Option	Option	Option	10-205
Multicore support			n/a	X	X	X	X	n/a	10-104
<b>CAMERA</b>									
Number of camera licenses included		1	1	1	1	10	0	1	
Add on camera licenses		Option	Option	Option	Option	Option	n/a	Option	10-090-n (n=no of licenses)
Number of instances included		2	1	2	3	Unlimited	Unlimited	1	
Add on instances		Option	Option	Option	Option	n/a	n/a	Option	10-085-n (n=no of instances)
Number of tools		10	40	100	1000			40	
Maximum image resolution included		VGA	SVGA	SXGA	4m(2048x2048)	64m(8192x8192)	64m(8192x8192)	4m(2048x2048)	
Resolution upgrade		Option	Option	Option	Option	n/a	n/a	Option	10-092 (XGA), 10-070 (UXGA) 10-071 (16M), 10-072 (25M)
Image file simulation		X	X	X	X	X	X	X	
Camera group		Area camera	Area camera	All	All	All	All	Area camera	All = Area / Linescan
<b>ADD ON PRODUCTS</b>									
Scorpion Watchdog		Option	Option	Option	Option	X	Option	Option	10-201