

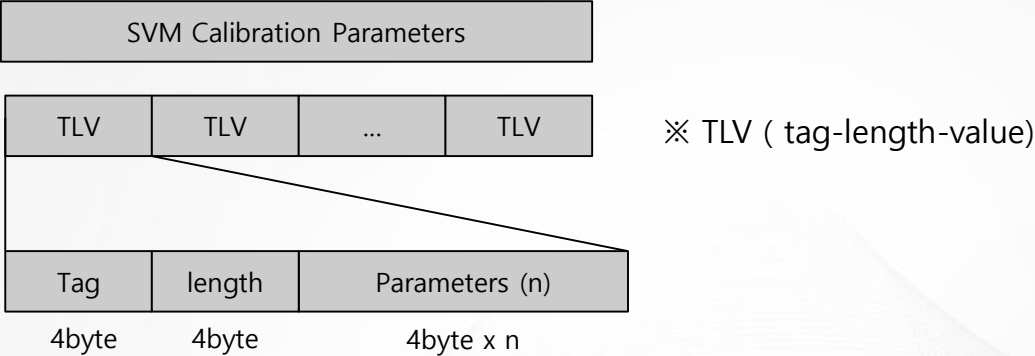
PI5008K SVM Configuration Binary Format

ver. 1.41.00



PI5008K SVM Configuration Binary Format

- Data Format



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TAG Definition

No	Tag	Type	Byte	Value	Remark
1	Front Camera Parameter	Uint	4	0x00000100	
2	Rear Camera Parameter	Uint	4	0x00000101	
3	Left Camera Parameter	Uint	4	0x00000102	
4	Right Camera Parameter	Uint	4	0x00000103	
5	Blend Map Parameter	Uint	4	0x00000200	
6	2D Surface Parameter	Uint	4	0x00000300	
7	3D Surface Parameter	Uint	4	0x00000301	
8	Cylindrical Surface Parameter	Uint	4	0x00000302	
9	Static PG Parameter	Uint	4	0x00000400	
10	Dynamic PG Parameter	Uint	4	0x00000401	
11	View Parameter	Uint	4	0x00000500	
12	Swing View Parameter	Uint	4	0x00000501	

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Front Camera Parameter

No	Field			Data Type	Byte	Config. File	Structure
1	Front Camera	Size	Width	Int	4		PCV_SVM_VIEW_CAMERA_PARAM.width
2			Height	Int	4		PCV_SVM_VIEW_CAMERA_PARAM.height
3		Focal Length	X	Float	4	Fx	PCV_SVM_VIEW_CAMERA_PARAM.focalLenX
4			Y	Float	4	Fy	PCV_SVM_VIEW_CAMERA_PARAM.focalLenY
5		Principal Point	X	Float	4	Cx	PCV_SVM_VIEW_CAMERA_PARAM.optCenterX
6			Y	Float	4	Cy	PCV_SVM_VIEW_CAMERA_PARAM.optCenterY
7		Distortion Table	Count	Int	4	n	PCV_SVM_VIEW_CAMERA_PARAM.distortTableSize
8			0 deg	Float	4	Deg0	PCV_SVM_VIEW_CAMERA_PARAM.pDistortTable[0]
9			1 deg	Float	4	Deg1	PCV_SVM_VIEW_CAMERA_PARAM.pDistortTable[1]
10			2 deg	Float	4	Deg2	PCV_SVM_VIEW_CAMERA_PARAM.pDistortTable[2]
11			3 deg	Float	4	Deg3	PCV_SVM_VIEW_CAMERA_PARAM.pDistortTable[3]
...			...				
107			99 deg	Float	4	Deg99	PCV_SVM_VIEW_CAMERA_PARAM.pDistortTable[99]
108		Position	X	Float	4	X	PCV_SVM_VIEW_CAMERA_PARAM.posX
109			Y	Float	4	Y	PCV_SVM_VIEW_CAMERA_PARAM.posY
110			Z	Float	4	Z	PCV_SVM_VIEW_CAMERA_PARAM.posZ
111		Angle	X	Float	4	X	PCV_SVM_VIEW_CAMERA_PARAM.angX
112			Y	Float	4	Y	PCV_SVM_VIEW_CAMERA_PARAM.angY
113			Z	Float	4	Z	PCV_SVM_VIEW_CAMERA_PARAM.angZ
114		Pattern	Type	Int	4	type	PCV_OFF_LINE_CALIB_PATTERN_PARAM.type
115			Width	Float	4	W	PCV_OFF_LINE_CALIB_PATTERN_PARAM.fW
116			Length	Float	4	L	PCV_OFF_LINE_CALIB_PATTERN_PARAM.fL
117			Side Width	Float	4	SW	PCV_OFF_LINE_CALIB_PATTERN_PARAM.fSW

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No	Field			Data Type	Byte	Config. File	Structure
118			Side Length	Float	4	SL	PCV_OFF_LINE_CALIB_PATTERN_PARAM.fsl
121			Square Size	Float	4	squareSize	PCV_OFF_LINE_CALIB_PATTERN_PARAM.squareSize
124			ROI0 Left	Int	4	roi0Left	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[0].left
125			ROI0 Right	Int	4	roi0Right	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[0].right
126			ROI0 Top	Int	4	roi0Top	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[0].top
127			ROI0 Bottom	Int	4	roi0Bottom	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[0].bottom
128			ROI1 Left	Int	4	roi1Left	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[1].left
129			ROI1 Right	Int	4	roi1Right	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[1].right
130			ROI1 Top	Int	4	roi1Top	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[1].top
131			ROI1 Bottom	Int	4	roi1Bottom	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[1].bottom
132			ROI2 Left	Int	4	roi2Left	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[2].left
133			ROI2 Right	Int	4	roi2Right	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[2].right
134			ROI2 Top	Int	4	roi2Top	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[2].top
135			ROI2 Bottom	Int	4	roi2Bottom	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[2].bottom
136			ROI3 Left	Int	4	roi3Left	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[3].left
137			ROI3 Right	Int	4	roi3Right	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[3].right
138			ROI3 Top	Int	4	roi3Top	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[3].top
139			ROI3 Bottom	Int	4	roi3Bottom	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[3].bottom

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■ Rear Camera Parameter

No	Field			Data Type	Byte	Config. File	Structure
1	Rear Camera	Size	Width	Int	4		PCV_SVM_VIEW_CAMERA_PARAM.width
2			Height	Int	4		PCV_SVM_VIEW_CAMERA_PARAM.height
3		Focal Length	X	Float	4	fx	PCV_SVM_VIEW_CAMERA_PARAM.focalLenX
4			Y	Float	4	fy	PCV_SVM_VIEW_CAMERA_PARAM.focalLenY
5		Principal Point	X	Float	4	cx	PCV_SVM_VIEW_CAMERA_PARAM.optCenterX
6			Y	Float	4	cy	PCV_SVM_VIEW_CAMERA_PARAM.optCenterY
7		Distortion Table	Count	Int	4	n	PCV_SVM_VIEW_CAMERA_PARAM.distortTableSize
8			0 deg	Float	4	deg0	PCV_SVM_VIEW_CAMERA_PARAM.pDistortTable[0]
9			1 deg	Float	4	deg1	PCV_SVM_VIEW_CAMERA_PARAM.pDistortTable[1]
10			2 deg	Float	4	deg2	PCV_SVM_VIEW_CAMERA_PARAM.pDistortTable[2]
11			3 deg	Float	4	deg3	PCV_SVM_VIEW_CAMERA_PARAM.pDistortTable[3]
...			...				
107			99 deg	Float	4	deg99	PCV_SVM_VIEW_CAMERA_PARAM.pDistortTable[99]
108		Position	X	Float	4	X	PCV_SVM_VIEW_CAMERA_PARAM.posX
109			Y	Float	4	Y	PCV_SVM_VIEW_CAMERA_PARAM.posY
110			Z	Float	4	Z	PCV_SVM_VIEW_CAMERA_PARAM.posZ
111		Angle	X	Float	4	X	PCV_SVM_VIEW_CAMERA_PARAM.angX
112			Y	Float	4	Y	PCV_SVM_VIEW_CAMERA_PARAM.angY
113			Z	Float	4	Z	PCV_SVM_VIEW_CAMERA_PARAM.angZ
114		Pattern	Type	Int	4	type	PCV_OFF_LINE_CALIB_PATTERN_PARAM.type
115			Width	Float	4	W	PCV_OFF_LINE_CALIB_PATTERN_PARAM.fw
116			Length	Float	4	L	PCV_OFF_LINE_CALIB_PATTERN_PARAM.fl
117			Side Width	Float	4	SW	PCV_OFF_LINE_CALIB_PATTERN_PARAM.fsw

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No	Field			Data Type	Byte	Config. File	Structure
118			Side Length	Float	4	SL	PCV_OFF_LINE_CALIB_PATTERN_PARAM.fsl
121			Square Size	Float	4	squareSize	PCV_OFF_LINE_CALIB_PATTERN_PARAM.squareSize
124			ROI0 Left	Int	4	roi0Left	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[0].left
125			ROI0 Right	Int	4	roi0Right	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[0].right
126			ROI0 Top	Int	4	roi0Top	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[0].top
127			ROI0 Bottom	Int	4	roi0Bottom	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[0].bottom
128			ROI1 Left	Int	4	roi1Left	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[1].left
129			ROI1 Right	Int	4	roi1Right	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[1].right
130			ROI1 Top	Int	4	roi1Top	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[1].top
131			ROI1 Bottom	Int	4	roi1Bottom	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[1].bottom
132			ROI2 Left	Int	4	roi2Left	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[2].left
133			ROI2 Right	Int	4	roi2Right	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[2].right
134			ROI2 Top	Int	4	roi2Top	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[2].top
135			ROI2 Bottom	Int	4	roi2Bottom	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[2].bottom
136			ROI3 Left	Int	4	roi3Left	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[3].left
137			ROI3 Right	Int	4	roi3Right	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[3].right
138			ROI3 Top	Int	4	roi3Top	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[3].top
139			ROI3 Bottom	Int	4	roi3Bottom	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[3].bottom

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Left Camera Parameter

No	Field			Data Type	Byte	Config. File	Structure
1	Left Camera	Size	Width	Int	4		PCV_SVM_VIEW_CAMERA_PARAM.width
2			Height	Int	4		PCV_SVM_VIEW_CAMERA_PARAM.height
3		Focal Length	X	Float	4	fx	PCV_SVM_VIEW_CAMERA_PARAM.focalLenX
4			Y	Float	4	fy	PCV_SVM_VIEW_CAMERA_PARAM.focalLenY
5		Principal Point	X	Float	4	cx	PCV_SVM_VIEW_CAMERA_PARAM.optCenterX
6			Y	Float	4	cy	PCV_SVM_VIEW_CAMERA_PARAM.optCenterY
7		Distortion Table	Count	Int	4	n	PCV_SVM_VIEW_CAMERA_PARAM.distortTableSize
8			0 deg	Float	4	deg0	PCV_SVM_VIEW_CAMERA_PARAM.pDistortTable[0]
9			1 deg	Float	4	deg1	PCV_SVM_VIEW_CAMERA_PARAM.pDistortTable[1]
10			2 deg	Float	4	deg2	PCV_SVM_VIEW_CAMERA_PARAM.pDistortTable[2]
11			3 deg	Float	4	deg3	PCV_SVM_VIEW_CAMERA_PARAM.pDistortTable[3]
...			...				
107			99 deg	Float	4	deg99	PCV_SVM_VIEW_CAMERA_PARAM.pDistortTable[99]
108		Position	X	Float	4	X	PCV_SVM_VIEW_CAMERA_PARAM.posX
109			Y	Float	4	Y	PCV_SVM_VIEW_CAMERA_PARAM.posY
110			Z	Float	4	Z	PCV_SVM_VIEW_CAMERA_PARAM.posZ
111		Angle	X	Float	4	X	PCV_SVM_VIEW_CAMERA_PARAM.angX
112			Y	Float	4	Y	PCV_SVM_VIEW_CAMERA_PARAM.angY
113			Z	Float	4	Z	PCV_SVM_VIEW_CAMERA_PARAM.angZ
114		Pattern	Type	Int	4	type	PCV_OFF_LINE_CALIB_PATTERN_PARAM.type
115			Width	Float	4	W	PCV_OFF_LINE_CALIB_PATTERN_PARAM.fW
116			Length	Float	4	L	PCV_OFF_LINE_CALIB_PATTERN_PARAM.fL
117			Side Width	Float	4	SW	PCV_OFF_LINE_CALIB_PATTERN_PARAM.fSW

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No	Field			Data Type	Byte	Config. File	Structure
118			Side Length	Float	4	SL	PCV_OFF_LINE_CALIB_PATTERN_PARAM.fsl
121			Square Size	Float	4	squareSize	PCV_OFF_LINE_CALIB_PATTERN_PARAM.squareSize
124			ROI0 Left	Int	4	roi0Left	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[0].left
125			ROI0 Right	Int	4	roi0Right	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[0].right
126			ROI0 Top	Int	4	roi0Top	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[0].top
127			ROI0 Bottom	Int	4	roi0Bottom	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[0].bottom
128			ROI1 Left	Int	4	roi1Left	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[1].left
129			ROI1 Right	Int	4	roi1Right	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[1].right
130			ROI1 Top	Int	4	roi1Top	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[1].top
131			ROI1 Bottom	Int	4	roi1Bottom	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[1].bottom
132			ROI2 Left	Int	4	roi2Left	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[2].left
133			ROI2 Right	Int	4	roi2Right	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[2].right
134			ROI2 Top	Int	4	roi2Top	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[2].top
135			ROI2 Bottom	Int	4	roi2Bottom	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[2].bottom
136			ROI3 Left	Int	4	roi3Left	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[3].left
137			ROI3 Right	Int	4	roi3Right	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[3].right
138			ROI3 Top	Int	4	roi3Top	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[3].top
139			ROI3 Bottom	Int	4	roi3Bottom	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[3].bottom

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Right Camera Parameter

No	Field			Data Type	Byte	Config. File	Structure
1	Right Camera	Size	Width	Int	4		PCV_SVM_VIEW_CAMERA_PARAM.width
2			Height	Int	4		PCV_SVM_VIEW_CAMERA_PARAM.height
3		Focal Length	X	Float	4	fx	PCV_SVM_VIEW_CAMERA_PARAM.focallenX
4			Y	Float	4	fy	PCV_SVM_VIEW_CAMERA_PARAM.focallenY
5		Principal Point	X	Float	4	cx	PCV_SVM_VIEW_CAMERA_PARAM.optCenterX
6			Y	Float	4	cy	PCV_SVM_VIEW_CAMERA_PARAM.optCenterY
7		Distortion Table	Count	Int	4	n	PCV_SVM_VIEW_CAMERA_PARAM.distortTableSize
8			0 deg	Float	4	deg0	PCV_SVM_VIEW_CAMERA_PARAM.pDistortTable[0]
9			1 deg	Float	4	deg1	PCV_SVM_VIEW_CAMERA_PARAM.pDistortTable[1]
10			2 deg	Float	4	deg2	PCV_SVM_VIEW_CAMERA_PARAM.pDistortTable[2]
11			3 deg	Float	4	deg3	PCV_SVM_VIEW_CAMERA_PARAM.pDistortTable[3]
...			...				
107			99 deg	Float	4	deg99	PCV_SVM_VIEW_CAMERA_PARAM.pDistortTable[99]
108		Position	X	Float	4	X	PCV_SVM_VIEW_CAMERA_PARAM.posX
109			Y	Float	4	Y	PCV_SVM_VIEW_CAMERA_PARAM.posY
110			Z	Float	4	Z	PCV_SVM_VIEW_CAMERA_PARAM.posZ
111		Angle	X	Float	4	X	PCV_SVM_VIEW_CAMERA_PARAM.angX
112			Y	Float	4	Y	PCV_SVM_VIEW_CAMERA_PARAM.angY
113			Z	Float	4	Z	PCV_SVM_VIEW_CAMERA_PARAM.angZ
114		Pattern	Type	Int	4	type	PCV_OFF_LINE_CALIB_PATTERN_PARAM.type
115			Width	Float	4	W	PCV_OFF_LINE_CALIB_PATTERN_PARAM.fW
116			Length	Float	4	L	PCV_OFF_LINE_CALIB_PATTERN_PARAM.fL
117			Side Width	Float	4	SW	PCV_OFF_LINE_CALIB_PATTERN_PARAM.fSW

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No	Field			Data Type	Byte	Config. File	Structure
118			Side Length	Float	4	SL	PCV_OFF_LINE_CALIB_PATTERN_PARAM.fsl
121			Square Size	Float	4	squareSize	PCV_OFF_LINE_CALIB_PATTERN_PARAM.squareSize
124			ROI0 Left	Int	4	roi0Left	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[0].left
125			ROI0 Right	Int	4	roi0Right	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[0].right
126			ROI0 Top	Int	4	roi0Top	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[0].top
127			ROI0 Bottom	Int	4	roi0Bottom	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[0].bottom
128			ROI1 Left	Int	4	roi1Left	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[1].left
129			ROI1 Right	Int	4	roi1Right	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[1].right
130			ROI1 Top	Int	4	roi1Top	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[1].top
131			ROI1 Bottom	Int	4	roi1Bottom	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[1].bottom
132			ROI2 Left	Int	4	roi2Left	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[2].left
133			ROI2 Right	Int	4	roi2Right	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[2].right
134			ROI2 Top	Int	4	roi2Top	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[2].top
135			ROI2 Bottom	Int	4	roi2Bottom	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[2].bottom
136			ROI3 Left	Int	4	roi3Left	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[3].left
137			ROI3 Right	Int	4	roi3Right	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[3].right
138			ROI3 Top	Int	4	roi3Top	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[3].top
139			ROI3 Bottom	Int	4	roi3Bottom	PCV_OFF_LINE_CALIB_PATTERN_PARAM.roi[3].bottom

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Blend Parameter

No	Field			Data Type	Byte	Config. File	Structure
1	Blend	Shadow Area	Front	Int	4	shadowAreaFront	PCV_SVM_VIEW_BLEND_PARAM.shadowAreaFront
2			Left	Int	4	shadowAreaLeft	PCV_SVM_VIEW_BLEND_PARAM.shadowAreaLeft
3			Rear	Int	4	shadowAreaRear	PCV_SVM_VIEW_BLEND_PARAM.shadowAreaRear
4			Right	Int	4	shadowAreaRight	PCV_SVM_VIEW_BLEND_PARAM.shadowAreaRight
5		Alpha0(2D)	Division Angle Front	Int	4	alpha0DivAngFront	PCV_SVM_VIEW_BLEND_PARAM.alpha0DivAngFront
6			Division Angle Rear	Int	4	alpha0DivAngRear	PCV_SVM_VIEW_BLEND_PARAM.alpha0DivAngRear
7			Blend Area Front	Int	4	alpha0BlendAreaFront	PCV_SVM_VIEW_BLEND_PARAM.alpha0BlendAreaFront
8			Blend Area Rear	Int	4	alpha0BlendAreaRear	PCV_SVM_VIEW_BLEND_PARAM.alpha0BlendAreaRear
9		Alpha1(2D)	Division Angle Front	Int	4	alpha1DivAngFront	PCV_SVM_VIEW_BLEND_PARAM.alpha1DivAngFront
10			Division Angle Rear	Int	4	alpha1DivAngRear	PCV_SVM_VIEW_BLEND_PARAM.alpha1DivAngRear
11			Blend Area Front	Int	4	alpha1BlendAreaFront	PCV_SVM_VIEW_BLEND_PARAM.alpha1BlendAreaFront
12			Blend Area Rear	Int	4	alpha1BlendAreaRear	PCV_SVM_VIEW_BLEND_PARAM.alpha1BlendAreaRear
13		Alpha0(3D)	Division Angle Front	Int	4	alpha0DivAngFront	PCV_SVM_VIEW_BLEND_PARAM.alpha0DivAngFront
14			Division Angle Rear	Int	4	alpha0DivAngRear	PCV_SVM_VIEW_BLEND_PARAM.alpha0DivAngRear
15			Blend Area Front	Int	4	alpha0BlendAreaFront	PCV_SVM_VIEW_BLEND_PARAM.alpha0BlendAreaFront
16			Blend Area Rear	Int	4	alpha0BlendAreaRear	PCV_SVM_VIEW_BLEND_PARAM.alpha0BlendAreaRear

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- Blend Parameter

No	Field			Data Type	Byte	Config. File	Structure
18	Blend	Alpha1(3D)	Division Angle Front	Int	4	alpha1DivAngFront	PCV_SVM_VIEW_BLEND_PARAM.alpha1DivAngFront
19			Division Angle Rear	Int	4	alpha1DivAngRear	PCV_SVM_VIEW_BLEND_PARAM.alpha1DivAngRear
20			Blend Area Front	Int	4	alpha1BlendAreaFront	PCV_SVM_VIEW_BLEND_PARAM.alpha1BlendAreaFront
21			Blend Area Rear	Int	4	alpha1BlendAreaRear	PCV_SVM_VIEW_BLEND_PARAM.alpha1BlendAreaRear

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- 2D Surface Parameter

No	Field			Data Type	Byte	Config. File	Structure
1	2D Surface	Size	X	Int	4	wx	PCV_SVM_VIEW_SURFACE_2D_PARAM.wx
2			Y	Int	4	wy	PCV_SVM_VIEW_SURFACE_2D_PARAM.wy
3		Center	X	Int	4	cx	PCV_SVM_VIEW_SURFACE_2D_PARAM.center.x
4			Y	Int	4	cy	PCV_SVM_VIEW_SURFACE_2D_PARAM.center.y

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3D Surface Parameter

No	Field			Data Type	Byte	Config. File	Structure
1	3D Surface	Size	X	Float	4	wx	PCV_SVM_VIEW_SURFACE_3D_PARAM.wx
2			Y	Float	4	wy	PCV_SVM_VIEW_SURFACE_3D_PARAM.wy
3			Z	Float	4	wz	PCV_SVM_VIEW_SURFACE_3D_PARAM.wz
4		Curvature	X	Float	4	rx	PCV_SVM_VIEW_SURFACE_3D_PARAM.rx
5			Y	Float	4	ry	PCV_SVM_VIEW_SURFACE_3D_PARAM.ry
6			Z	Float	4	rz	PCV_SVM_VIEW_SURFACE_3D_PARAM.rz
7		Flat Area	Size	Int	4	zOffset	PCV_SVM_VIEW_SURFACE_3D_PARAM.zOffset
8		Center	X	Int	4	cx	PCV_SVM_VIEW_SURFACE_3D_PARAM.cx
9			Y	Int	4	cy	PCV_SVM_VIEW_SURFACE_3D_PARAM.cy

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- Cylindrical Surface Parameter

No	Field			Data Type	Byte	Config. File	Structure
1	Cylindrical Surface	Size	X	Int	4	wx	PCV_SVM_VIEW_SURFACE_CAM_PARAM.wx
2			Y	Int	4	wy	PCV_SVM_VIEW_SURFACE_CAM_PARAM.wy
3			distance	Int	4	dist	PCV_SVM_VIEW_SURFACE_CAM_PARAM.dist

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Static Parking Guide Parameter

No	Field			Data Type	Byte	Config. File	Structure
1	Static Parking Guide		Number of Point	Int	4	numPoint	PCV_SVM_VIEW_STATIC_PG_PARAM. numPoints
2		Distance	Min.	Int	4	distMin	PCV_SVM_VIEW_STATIC_PG_PARAM. distMin
3			Near Max.	Int	4	distNearMax	PCV_SVM_VIEW_STATIC_PG_PARAM. distMax[0]
4			Middle Max.	Int	4	distMiddleMax	PCV_SVM_VIEW_STATIC_PG_PARAM. distMax[1]
5			Far Max.	Int	4	distFarMax	PCV_SVM_VIEW_STATIC_PG_PARAM. distMax[2]
6			Width	Int	4	Width	PCV_SVM_VIEW_STATIC_PG_PARAM. width

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Dynamic Parking Guide Parameter

No	Field			Data Type	Byte	Config. File	Structure
1	Dynamic Parking Guide		Number of Point	Int	4	numPoint	PCV_SVM_VIEW_DYNAMIC_PG_PARAM. numPoints
2		Wheelbase	Length	Int	4	wheelBase	PCV_SVM_VIEW_DYNAMIC_PG_PARAM. wheelBase
3			Center	Int	4	wheelBaseCy	PCV_SVM_VIEW_DYNAMIC_PG_PARAM. wheelBaseCy
4		Distance	Left/Right Min.	Int	4	distLRMin	PCV_SVM_VIEW_DYNAMIC_PG_PARAM. distLRMin
5			Side Min.	Int	4	distSideMin	PCV_SVM_VIEW_DYNAMIC_PG_PARAM. distSideMin
6			Left/Right Max.	Int	4	distLRMax	PCV_SVM_VIEW_DYNAMIC_PG_PARAM. distLRMax
7			Side Max.	Int	4	distSideMax	PCV_SVM_VIEW_DYNAMIC_PG_PARAM. distSideMax
8			Width	Int	4	Width	PCV_SVM_VIEW_DYNAMIC_PG_PARAM. width

PI5008K SVM Configuration Binary Format

View Parameter

No	Field			Data Type	Byte	Config. File	Structure
1	View Header		View Count	Int	4	viewCount	
2	View ID 0		ViewType	Int	4	viewType	MD View : PCV_SVM_VIEW_MD_VIEW_PARAM.viewType CAM View : PCV_SVM_VIEW_CAM_VIEW_PARAM.viewType
3			CamType	Int	4	camType	MD View : PCV_SVM_VIEW_MD_VIEW_PARAM.camType CAM View : PCV_SVM_VIEW_CAM_VIEW_PARAM.camType
4			ScanType	Int	4	scanType	MD View : PCV_SVM_VIEW_MD_VIEW_PARAM.scanType CAM View : PCV_SVM_VIEW_CAM_VIEW_PARAM.scanType
5		Size	width	Int	4	width	MD View : PCV_SVM_VIEW_MD_VIEW_PARAM.width CAM View : PCV_SVM_VIEW_CAM_VIEW_PARAM.width
6			Height	Int	4	height	MD View : PCV_SVM_VIEW_MD_VIEW_PARAM.height CAM View : PCV_SVM_VIEW_CAM_VIEW_PARAM.height
7		Scale	X	Float	4	scaleX	MD View : PCV_SVM_VIEW_MD_VIEW_PARAM.scaleX CAM View : PCV_SVM_VIEW_MD_VIEW_PARAM.scaleX
8			Y	Float	4	scaleY	MD View : PCV_SVM_VIEW_MD_VIEW_PARAM.scaleY CAM View : PCV_SVM_VIEW_CAM_VIEW_PARAM.scaleY
9		Virtual Camera Position	X	Float	4	virCamPosX	MD View : PCV_SVM_VIEW_MD_VIEW_PARAM. tVirtualCamParam.posX CAM View : PCV_SVM_VIEW_CAM_VIEW_PARAM. tVirtualCamParam.posX
10			Y	Float	4	virCamPosY	MD View : PCV_SVM_VIEW_MD_VIEW_PARAM. tVirtualCamParam.posY CAM View : PCV_SVM_VIEW_CAM_VIEW_PARAM. tVirtualCamParam.posY
11			Z	Float	4	virCamPosZ	MD View : PCV_SVM_VIEW_MD_VIEW_PARAM. tVirtualCamParam.posZ CAM View : PCV_SVM_VIEW_CAM_VIEW_PARAM. tVirtualCamParam.posZ
12		Virtual Camera Angle	X	Float	4	virCamAngX	MD View : PCV_SVM_VIEW_MD_VIEW_PARAM. tVirtualCamParam.angX CAM View : PCV_SVM_VIEW_CAM_VIEW_PARAM. tVirtualCamParam.angX
13			Y	Float	4	virCamAngY	MD View : PCV_SVM_VIEW_MD_VIEW_PARAM. tVirtualCamParam.angY CAM View : PCV_SVM_VIEW_CAM_VIEW_PARAM. tVirtualCamParam.angY
14			Z	Float	4	virCamAngZ	MD View : PCV_SVM_VIEW_MD_VIEW_PARAM. tVirtualCamParam.angZ CAM View : PCV_SVM_VIEW_CAM_VIEW_PARAM. tVirtualCamParam.angZ

PI5008K SVM Configuration Binary Format

No	Field			Data Type	Byte	Config. File	Structure
	View ID 0		Focal Length	Float	4	virCamFocalLen	MD View : PCV_SVM_VIEW_MD_VIEW_PARAM. tVirtualCamParam.focalLenX PCV_SVM_VIEW_MD_VIEW_PARAM. tVirtualCamParam.focalLenY CAM View : PCV_SVM_VIEW_CAM_VIEW_PARAM. tVirtualCamParam.focalLenX PCV_SVM_VIEW_CAM_VIEW_PARAM. tVirtualCamParam.focalLenY
			H Flip	Int	4	hFlip	MD View : PCV_SVM_VIEW_MD_VIEW_PARAM.hFlip CAM View : PCV_SVM_VIEW_MD_VIEW_PARAM.hFlip
			Lens Distortion Correction	Int	4	ldc	CAM View : PCV_SVM_VIEW_CAM_VIEW_PARAM.bLDC MD View : Reserved

PI5008K SVM Configuration Binary Format

No	Field			Data Type	Byte	Config. File	Structure
	View ID (viewCount-1)		ViewType	Int	4	viewType	MD View : PCV_SVM_VIEW_MD_VIEW_PARAM.viewType CAM View : PCV_SVM_VIEW_CAM_VIEW_PARAM.viewType
			CamType	Int	4	camType	MD View : PCV_SVM_VIEW_MD_VIEW_PARAM.camType CAM View : PCV_SVM_VIEW_CAM_VIEW_PARAM.camType
			ScanType	Int	4	scanType	MD View : PCV_SVM_VIEW_MD_VIEW_PARAM.scanType CAM View : PCV_SVM_VIEW_CAM_VIEW_PARAM.scanType
		Size	width	Int	4	width	MD View : PCV_SVM_VIEW_MD_VIEW_PARAM.width CAM View : PCV_SVM_VIEW_CAM_VIEW_PARAM.width
			Height	Int	4	height	MD View : PCV_SVM_VIEW_MD_VIEW_PARAM.height CAM View : PCV_SVM_VIEW_CAM_VIEW_PARAM.height
		Scale	X	Float	4	scaleX	MD View : PCV_SVM_VIEW_MD_VIEW_PARAM.scaleX CAM View : PCV_SVM_VIEW_MD_VIEW_PARAM.scaleX
			Y	Float	4	scaleY	MD View : PCV_SVM_VIEW_MD_VIEW_PARAM.scaleY CAM View : PCV_SVM_VIEW_CAM_VIEW_PARAM.scaleY
		Virtual Camera Position	X	Float	4	virCamPosX	MD View : PCV_SVM_VIEW_MD_VIEW_PARAM. tVirtualCamParam.posX CAM View : PCV_SVM_VIEW_CAM_VIEW_PARAM. tVirtualCamParam.posX
			Y	Float	4	virCamPosY	MD View : PCV_SVM_VIEW_MD_VIEW_PARAM. tVirtualCamParam.posY CAM View : PCV_SVM_VIEW_CAM_VIEW_PARAM. tVirtualCamParam.posY
			Z	Float	4	virCamPosZ	MD View : PCV_SVM_VIEW_MD_VIEW_PARAM. tVirtualCamParam.posZ CAM View : PCV_SVM_VIEW_CAM_VIEW_PARAM. tVirtualCamParam.posZ
		Virtual Camera Angle	X	Float	4	virCamAngX	MD View : PCV_SVM_VIEW_MD_VIEW_PARAM. tVirtualCamParam.angX CAM View : PCV_SVM_VIEW_CAM_VIEW_PARAM. tVirtualCamParam.angX
			Y	Float	4	virCamAngY	MD View : PCV_SVM_VIEW_MD_VIEW_PARAM. tVirtualCamParam.angY CAM View : PCV_SVM_VIEW_CAM_VIEW_PARAM. tVirtualCamParam.angY
			Z	Float	4	virCamAngZ	MD View : PCV_SVM_VIEW_MD_VIEW_PARAM. tVirtualCamParam.angZ CAM View : PCV_SVM_VIEW_CAM_VIEW_PARAM. tVirtualCamParam.angZ

PI5008K SVM Configuration Binary Format

No	Field			Data Type	Byte	Config. File	Structure
	View ID (viewCount-1)		Focal Length	Float	4	virCamFocalLen	MD View : PCV_SVM_VIEW_MD_VIEW_PARAM. tVirtualCamParam.focalLenX PCV_SVM_VIEW_MD_VIEW_PARAM. tVirtualCamParam.focalLenY CAM View : PCV_SVM_VIEW_CAM_VIEW_PARAM. tVirtualCamParam.focalLenX PCV_SVM_VIEW_CAM_VIEW_PARAM. tVirtualCamParam.focalLenY
			H Flip	Int	4	hFlip	MD View : PCV_SVM_VIEW_MD_VIEW_PARAM.hFlip CAM View : PCV_SVM_VIEW_MD_VIEW_PARAM.hFlip
			Lens Distortion Correction	Int	4	ldc	CAM View : PCV_SVM_VIEW_CAM_VIEW_PARAM.blDC MD View : Reserved

PI5008K SVM Configuration Binary Format

Swing View Parameter

No	Field			Data Type	Byte	Config. File	Structure
1	Swing View Header		Morphing	Int	4	morphing	
2			StaticViewOnly	Int	4	staticViewOnly	
3			StaticViewFB LRLut	Int	4	staticViewFBLRLut	
4			NonftlSave	Int	4	nonftlSave	
5			DegreeInterval	Int	4	degreeInterval	
6			flbInterval	Int	4	flbInterval	
7			Static View ID 0	Int	4	staticView0	
8			Static View ID 1	Int	4	staticView1	
9			Static View ID 2	Int	4	staticView2	
			-	-	-	-	
			Static View ID 359	Int	4	staticView359	

PI5008K SVM Configuration Binary Format

No	Field			Data Type	Byte	Config. File	Structure
	Swing View ID 0	Virtual Camera Position	X	Float	4	virCamPosX	PCV_SVM_VIEW_MD_VIEW_PARAM. tVirtualCamParam.posX
			Y	Float	4	virCamPosY	PCV_SVM_VIEW_MD_VIEW_PARAM. tVirtualCamParam.posY
			Z	Float	4	virCamPosZ	PCV_SVM_VIEW_MD_VIEW_PARAM. tVirtualCamParam.posZ
		Virtual Camera Angle	X	Float	4	virCamAngX	PCV_SVM_VIEW_MD_VIEW_PARAM. tVirtualCamParam.angX
			Y	Float	4	virCamAngY	PCV_SVM_VIEW_MD_VIEW_PARAM. tVirtualCamParam.angY
			Z	Float	4	virCamAngZ	PCV_SVM_VIEW_MD_VIEW_PARAM. tVirtualCamParam.angZ
		-	-	-	-	-	
	Swing View ID 359	Virtual Camera Position	X	Float	4	virCamPosX	PCV_SVM_VIEW_MD_VIEW_PARAM. tVirtualCamParam.posX
			Y	Float	4	virCamPosY	PCV_SVM_VIEW_MD_VIEW_PARAM. tVirtualCamParam.posY
			Z	Float	4	virCamPosZ	PCV_SVM_VIEW_MD_VIEW_PARAM. tVirtualCamParam.posZ
		Virtual Camera Angle	X	Float	4	virCamAngX	PCV_SVM_VIEW_MD_VIEW_PARAM. tVirtualCamParam.angX
			Y	Float	4	virCamAngY	PCV_SVM_VIEW_MD_VIEW_PARAM. tVirtualCamParam.angY
			Z	Float	4	virCamAngZ	PCV_SVM_VIEW_MD_VIEW_PARAM. tVirtualCamParam.angZ