[PI5008K] Pixel Plus GUI Design Guideline

v 0.3

PIXELPLUS

Contents

BOOT

Background (0, 0, 1280, 720)

Booting_CI.bmp (500, 265, 375, 108)

Live View

Outline_mode_xxx.bmp (0, 0, 528, 720)

Outline_view_xxx.bmp (255, 528, 752, 720)

Main Menu

Vehicle_Sel.bmp (186, 175, 160, 150)

MainMenu.bmp (186, 175, 909, 410)

Trigger_Sel.bmp (935, 175, 160, 150)

Background.bmp (0, 0, 1280, 720)

Video_Sel.bmp (186, 395, 160, 150)

Calibration_Sel.bmp (560, 395, 160, 150)

SysInfo_sel.bmp (935, 395, 160, 150)

Camera_Sel.bmp (374, 395, 160, 150)

Update_sel.bmp (748, 395, 160, 150)

Vehicle
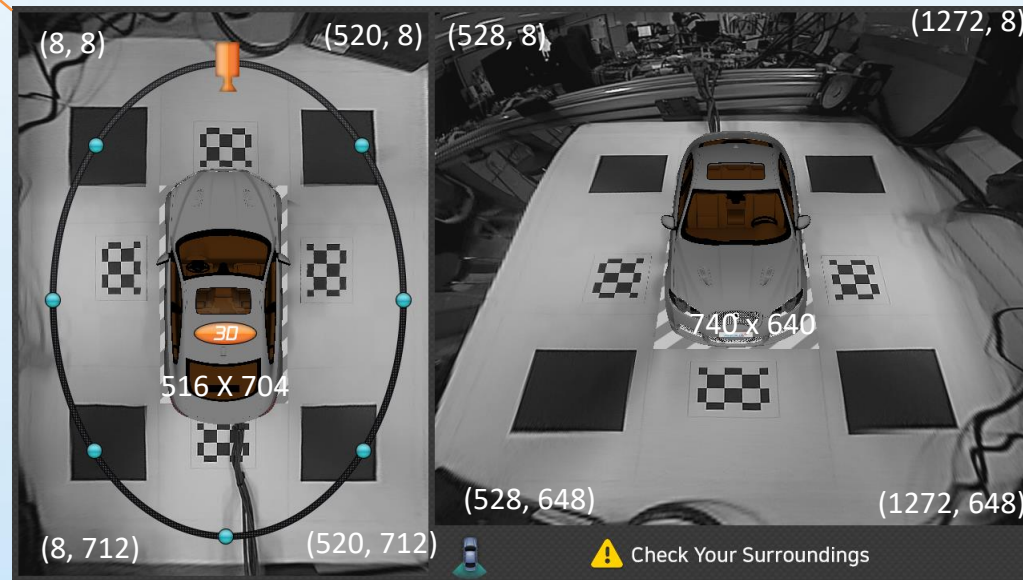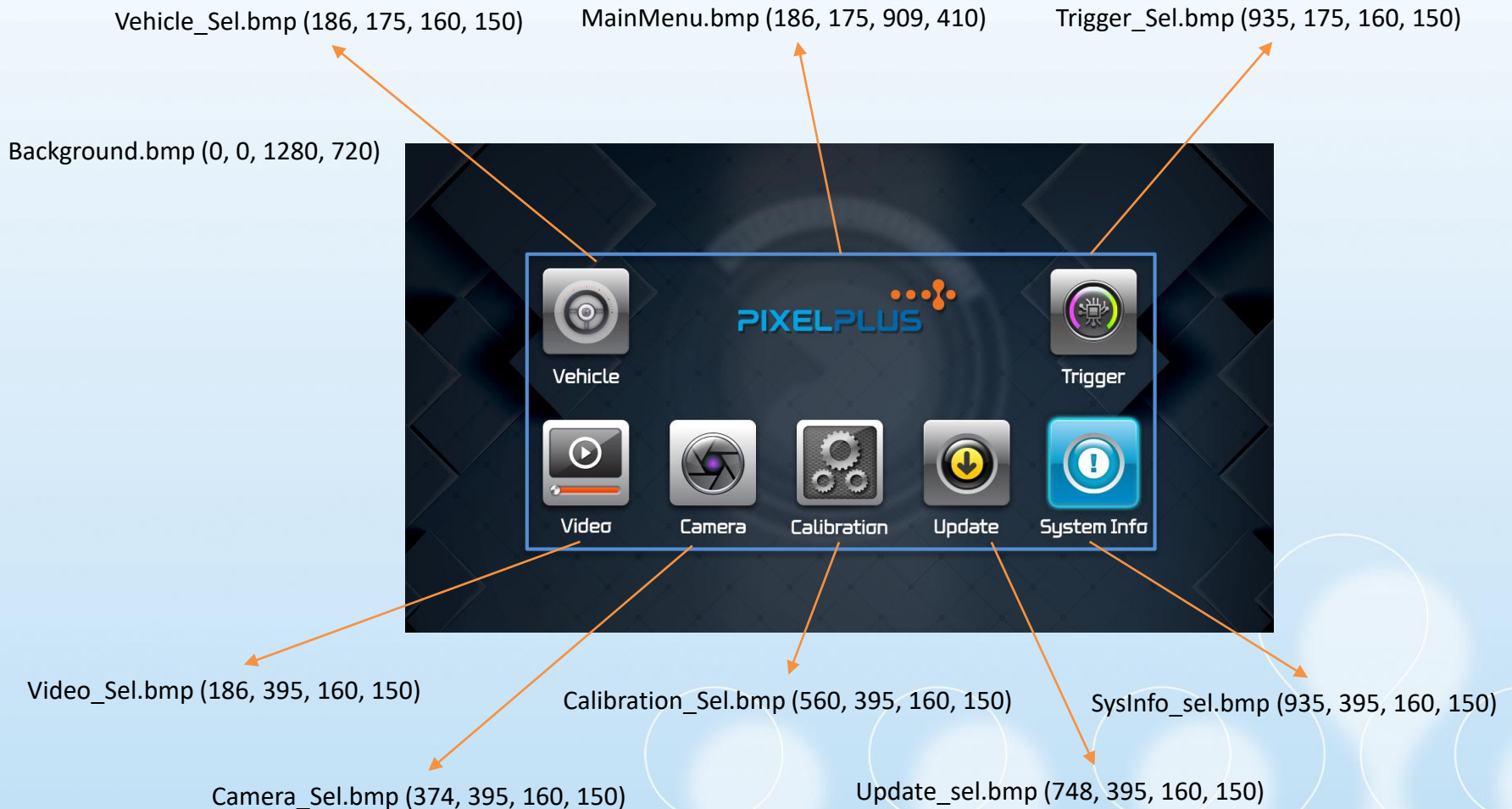
Background.bmp (0, 0, 1280, 720)

Pgl_Sel.bmp (48, 122, 230, 64)
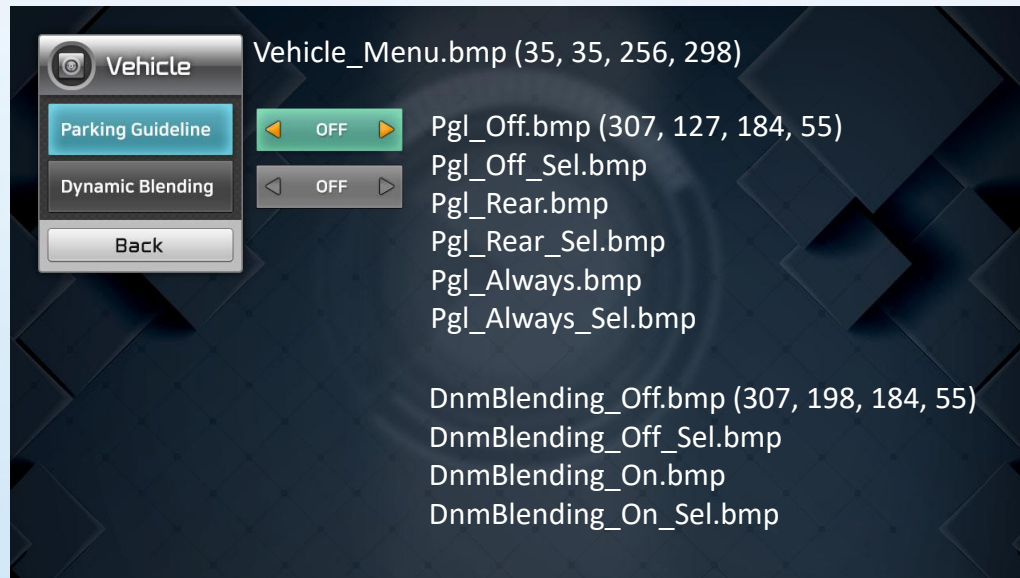
Db_Sel.bmp (48, 193, 230, 64)

Back_Sel.bmp (48, 278, 230, 60)

Vehicle_Menu.bmp (35, 35, 256, 298)

Pgl_Off.bmp (307, 127, 184, 55)
Pgl_Off_Sel.bmp
Pgl_Rear.bmp
Pgl_Rear_Sel.bmp
Pgl_Always.bmp
Pgl_Always_Sel.bmp

DnmBlending_Off.bmp (307, 198, 184, 55)
DnmBlending_Off_Sel.bmp
DnmBlending_On.bmp
DnmBlending_On_Sel.bmp

Trigger

Trigger_Menu.bmp (35, 35, 256, 581)

Background.bmp (0, 0, 1280, 720)

ReverseSignal_Sel.bmp (48, 122, 230, 64)

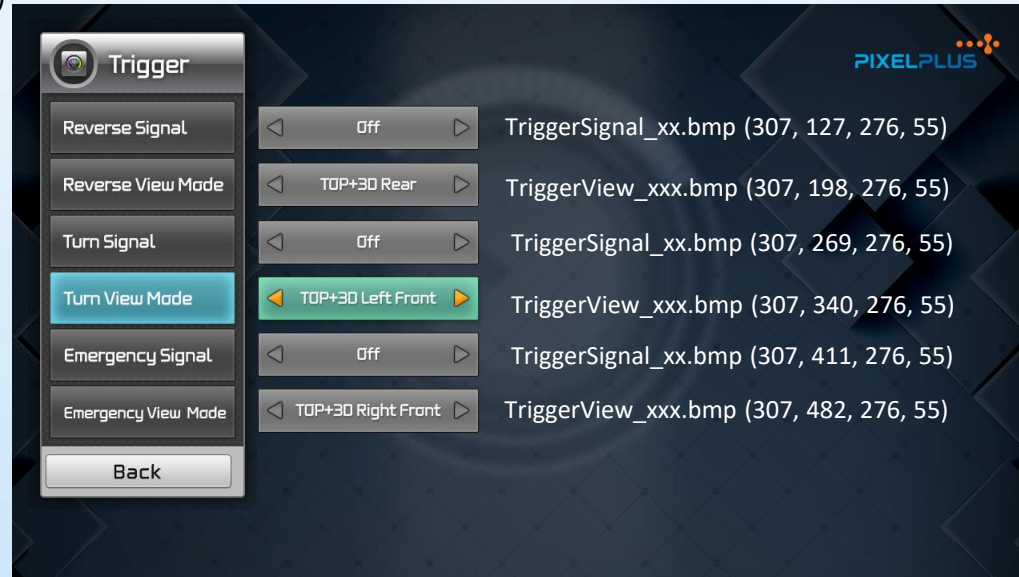ReverseViewMode_Sel.bmp (48, 193, 230, 64)

TurnSignal_Sel.bmp (48, 264, 230, 64)

TurnViewMode_Sel.bmp (48, 335, 230, 64)

EmergencySignal_Sel.bmp (48, 406, 230, 64)

EmergencyViewMode_Sel.bmp (48, 477, 230, 64)

Back_Sel.bmp (48, 553, 230, 60)

TriggerSignal_xx.bmp (307, 127, 276, 55)

TriggerView_xxx.bmp (307, 198, 276, 55)

TriggerSignal_xx.bmp (307, 269, 276, 55)

TriggerView_xxx.bmp (307, 340, 276, 55)

TriggerSignal_xx.bmp (307, 411, 276, 55)

TriggerView_xxx.bmp (307, 482, 276, 55)

TriggerSignal_xx.bmp
 - TriggerSignal_Off.bmp
 - TriggerSignal_Off_Sel.bmp
 - TriggerSignal_On.bmp
 - TriggerSignal_On.bmp

TriggerView_xx.bmp
 - TriggerView_t3db.bmp
 - TriggerView_t3db_Sel.bmp
 - TriggerView_t3df.bmp
 - TriggerView_t3df_Sel.bmp
 - TriggerView_t3dlf.bmp
 - TriggerView_t3dlf_Sel.bmp
 - TriggerView_t3dl.bmp
 - TriggerView_t3dl_Sel.bmp
 - TriggerView_t3drf.bmp
 - TriggerView_t3drf_Sel.bmp
 - TriggerView_t3dr.bmp
 - TriggerView_t3dr_Sel.bmp
 - TriggerView_tb.bmp
 - TriggerView_tb_Sel.bmp
 - TriggerView_tf.bmp
 - TriggerView_tf_Sel.bmp

Video

Background.bmp (0, 0, 1280, 720)

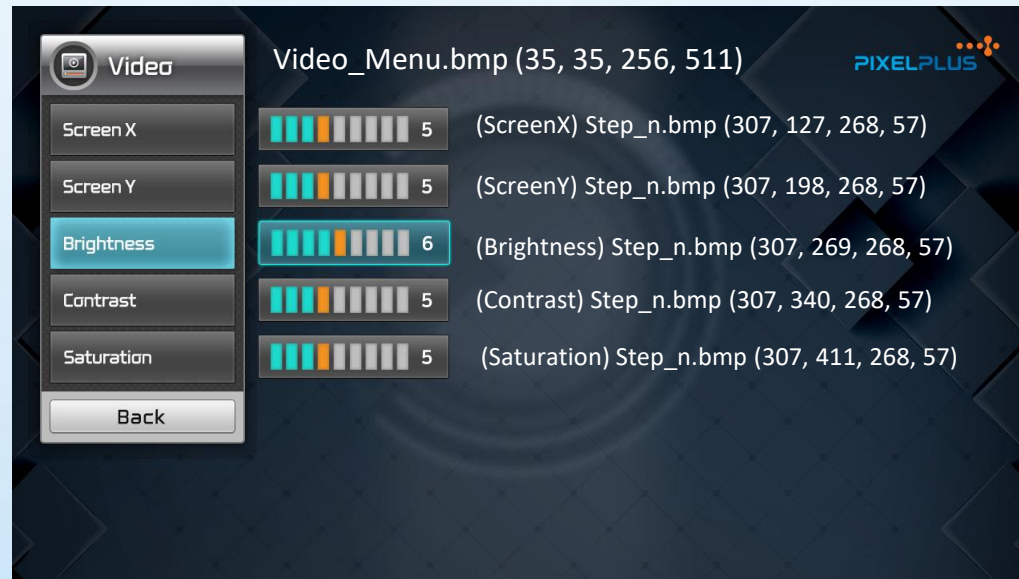ScreenX_Sel.bmp (48, 122, 230, 64)

ScreenY_Sel.bmp (48, 193, 230, 64)

Brightness_Sel.bmp (48, 264, 230, 64)

Contrast_Sel.bmp (48, 335, 230, 64)

Saturation_Sel.bmp (48, 406, 230, 64)

Back_Sel.bmp (48, 482, 230, 60)

Video_Menu.bmp (35, 35, 256, 511)

Video

Screen X	(ScreenX) Step_n.bmp (307, 127, 268, 57)
Screen Y	(ScreenY) Step_n.bmp (307, 198, 268, 57)
Brightness	(Brightness) Step_n.bmp (307, 269, 268, 57)
Contrast	(Contrast) Step_n.bmp (307, 340, 268, 57)
Saturation	(Saturation) Step_n.bmp (307, 411, 268, 57)
Back	

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Step_n.bmp
- Step_0.bmp
- Step_1.bmp
- Step_2.bmp
- Step_3.bmp
- Step_4.bmp
- Step_5.bmp
- Step_6.bmp
- Step_7.bmp
- Step_8.bmp
- Step_9.bmp
- Step_10.bmp
- Step_Sel_0.bmp
- Step_Sel_1.bmp
- Step_Sel_2.bmp
- Step_Sel_3.bmp
- Step_Sel_4.bmp
- Step_Sel_5.bmp
- Step_Sel_6.bmp
- Step_Sel_7.bmp
- Step_Sel_8.bmp
- Step_Sel_9.bmp
- Step_Sel_10.bmp

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Camera

Background (0, 0, 1280, 720)

Camera_Menu.bmp (35, 35, 256, 580)

Front_Sel.bmp (48, 122, 230, 64)

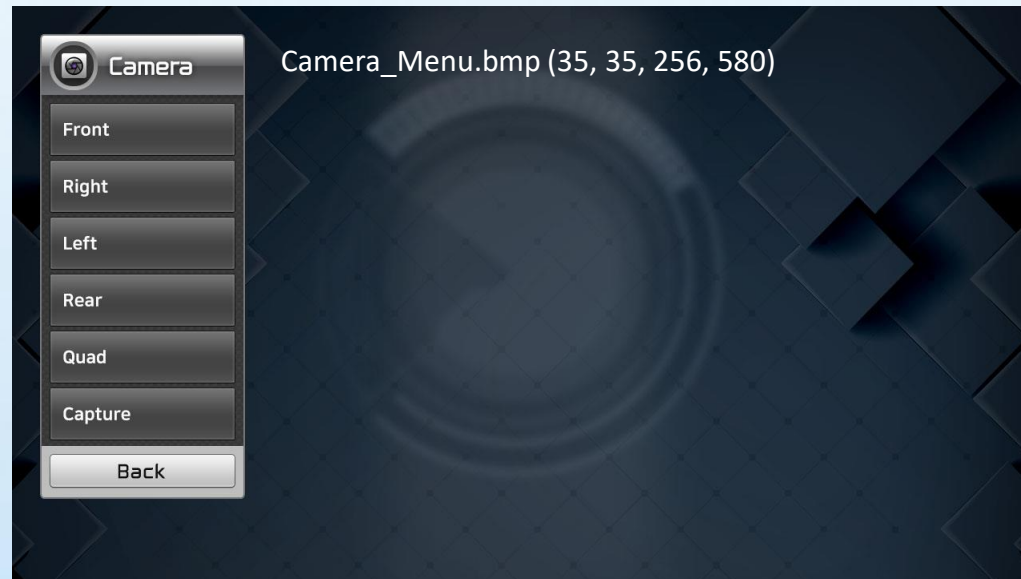Right_Sel.bmp (48, 193, 230, 64)

Left_Sel.bmp (48, 264, 230, 64)

Rear_Sel.bmp (48, 335, 230, 64)

Quad_Sel.bmp (48, 406, 230, 64)

Capture_Sel.bmp (48, 477, 230, 64)
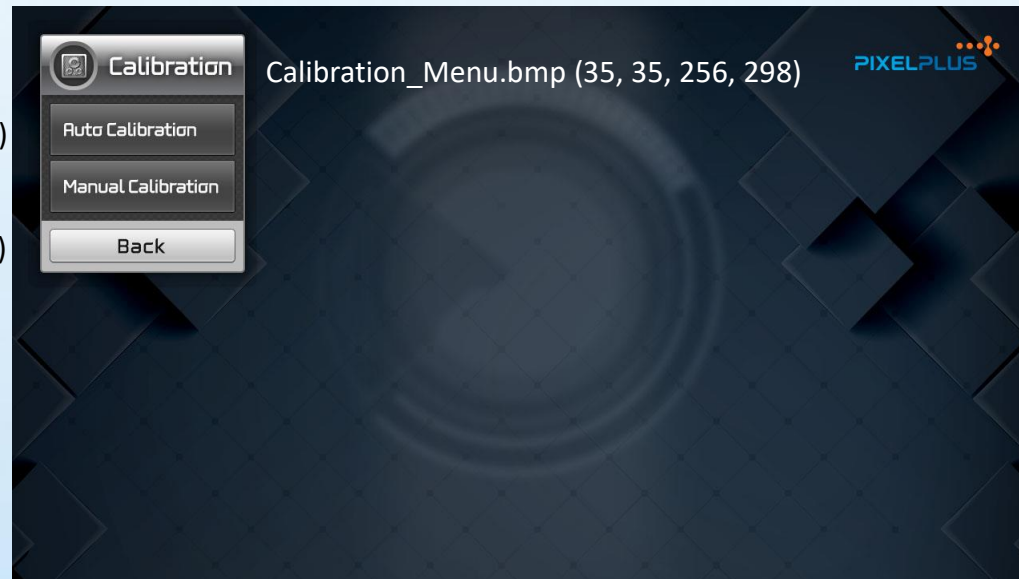
Back_Sel.bmp (48, 550, 230, 60)

Calibration

Background (0, 0, 1280, 720)

Calibration_Menu.bmp (35, 35, 256, 298)

CalibAuto_Sel.bmp (48, 122, 230, 64)

CalibManual_Sel.bmp (48, 193, 230, 64)

CalibBack_Sel.bmp (48, 269, 230, 60)

Manual Calibration

Background (0, 0, 1280, 720)

Mirror.bmp (1112, 34, 139, 44)
Normal.bmp (1112, 34, 139, 44)

ManFront_Sel.bmp (48, 122, 230, 64)

ManRight_Sel.bmp (48, 193, 230, 64)
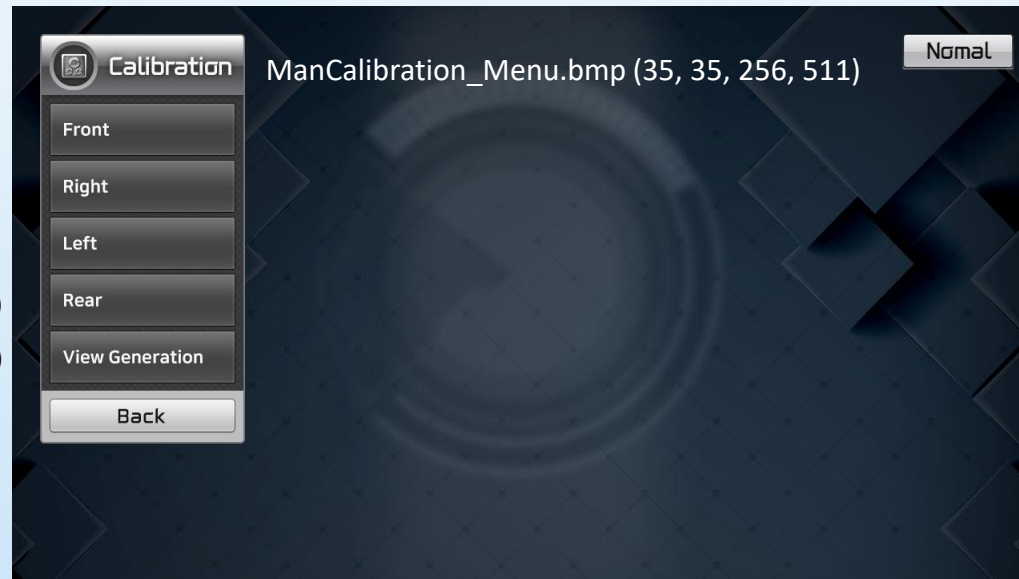
ManLeft_Sel.bmp (48, 264, 230, 64)

ManRear_Sel.bmp (48, 335, 230, 64)

ManViewGen_Sel.bmp (48, 406, 230, 64)

ManBack_Sel.bmp (48, 481, 230, 60)

ManCalibration_Menu.bmp (35, 35, 256, 511)

Calibration

- Front
- Right
- Left
- Rear
- View Generation
- Back

Nomal

Move Point (Manual Calibration)

Point.bmp (x, y, 30, 30)
Point_sel.bmp (x, y, 30, 30)
Point_Move.bmp (x, y, 30, 30)

Update

Background.bmp (0, 0, 1280, 720)

Update_Menu.bmp (35, 35, 256, 298)
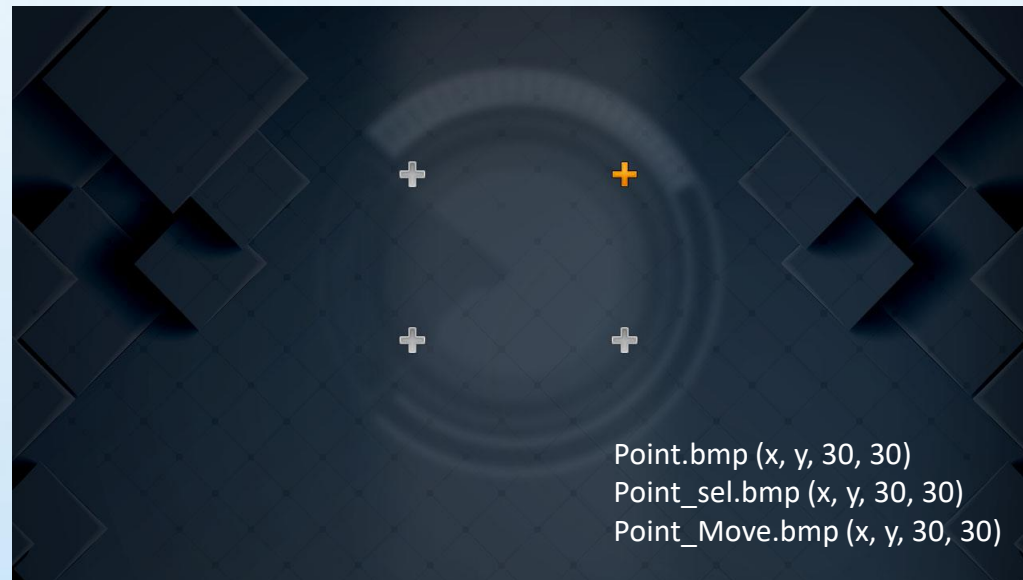
FactoryReset_Sel.bmp (48, 122, 230, 64)

FwUpdate_Sel.bmp (48, 193, 230, 64)

Back_Sel.bmp (48, 269, 230, 60)

System Info
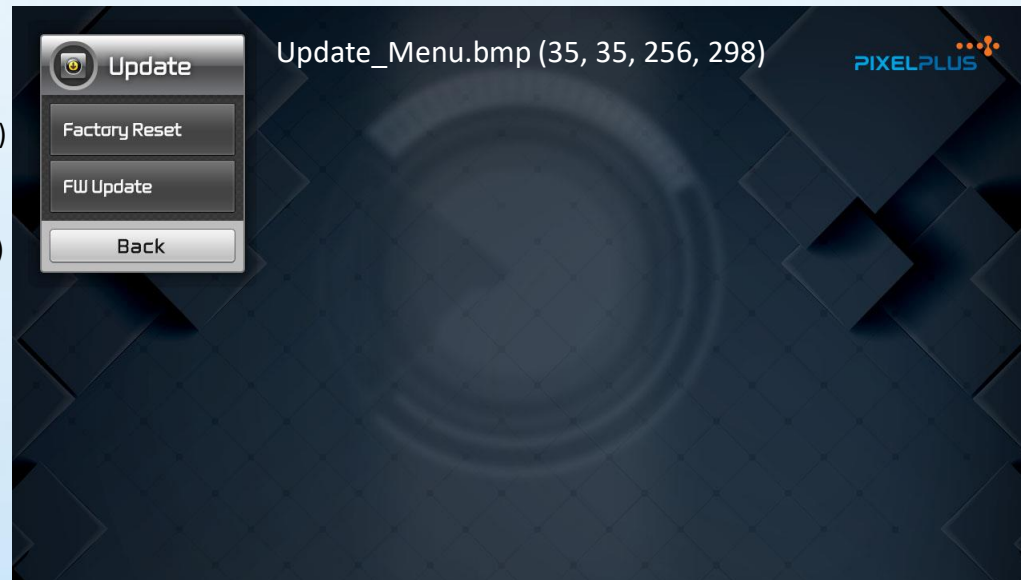
Background.bmp (0, 0, 1280, 720)

SystemInfo_Menu.bmp (35, 35, 256, 440)

FwVer.bmp (307, 127, 125, 55)

LibVer.bmp (307, 198, 125, 55)

SensorId.bmp (307, 269, 125, 55)

IspVer.bmp (307, 340, 125, 55)
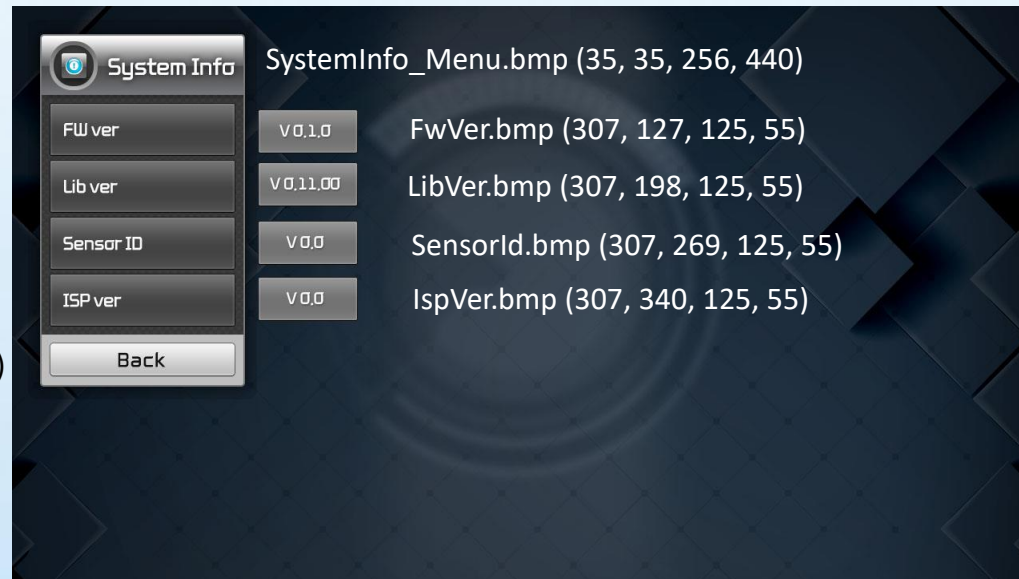
Back_Sel.bmp (48, 411, 230, 60)

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Dialog Box

Dialog_xxxxxx.bmp (492, 288, 296, 143)

Calibrate manually?
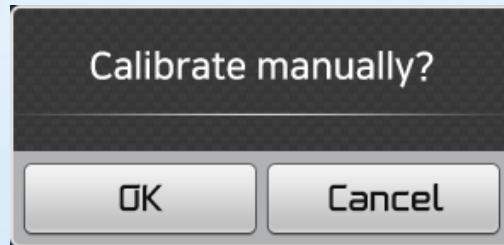
OK   Cancel

Btn_Ok_Sel.bmp (501, 382, 135, 40)   Btn_Cancel_Sel.bmp (644, 382, 135, 40)

Dialog_xxxxxx.bmp
 - Dialog_CalibFailRetry.bmp
 - Dialog_RunMenu.bmp
 - Dialog_CalibManual.bmp
 - Dialog_SaveView.bmp
 - Dialog_Update.bmp

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POP-UP

PopUp_xxxxxx.bmp (492, 307, 296, 105)

⚠ Do not turn off the power
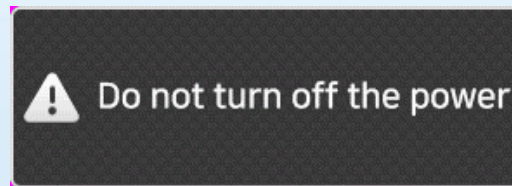
PopUp_xxxxxx.bmp
  - PopUp_Calibration.bmp
  - PopUp_Done.bmp
  - PopUp_DoNotTurnOff.bmp
  - PopUp_NoCameraInput.bmp
  - PopUp_NoSaved.bmp
  - PopUp_NoSDCard.bmp
  - PopUp_Saved.bmp
  - PopUp_Shutdown.bmp
  - PopUp_ViewGen.bmp
  - PopUp_TBD.bmp

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Progress Bar

Progress_n.bmp
 - Progress_0.bmp
 - Progress_10.bmp
 - Progress_20.bmp
 - Progress_30.bmp
 - Progress_40.bmp
 - Progress_50.bmp
 - Progress_60.bmp
 - Progress_70.bmp
 - Progress_80.bmp
 - Progress_90.bmp
 - Progress_100.bmp
 - Progress1_10.bmp
 - Progress1_20.bmp
 - Progress1_30.bmp
 - Progress1_40.bmp
 - Progress1_50.bmp
 - Progress1_60.bmp
 - Progress1_70.bmp
 - Progress1_80.bmp
 - Progress1_90.bmp
 - Progress1_100.bmp

50%

Progress_n.bmp   (452, 156, 376, 47)

Layer Organization (1/3)

Scene	API	OSD list	sub menu list	Format	Layer	Area	Layer order
Booting	PPAPI_DISPLAY_BOOTING_CI	BootingCI		RLE	Layer 1	Area 0	vedio_43210
	PPAPI_DISPLAY_Background_On	Background		RLE	Layer 4	Area 0	
Live view	PPAPI_DISPLAY_POPUP_On	Popup		RLE	Layer 0	Area0	video_32140
	PPAPI_DISPLAY_VIEW_Car_On	2D Car & Shadow & Door		RLE	Layer 2	Area 0	
		3D Car & Shadow & Wheel		RLE	Layer 2	Area 1	
	TBD.	Rec Icon		RLE			
	PPAPP_View_SetSectionPgl	2D TopView PGL	fw dynamic / bw dynamic	RLE	Layer 3	Area 0	
		RearCam PGL	bw dynamic	RLE	Layer 3	Area 1	
	PPAPI_DISPLAY_VIEW_Outline_On	Outline & 2d/3d Mode & 3d point		RLE	Layer 4	Area 0	
		Outline with warning & view		RLE	Layer 4	Area 1	
Main Menu	PPAPI_DISPLAY_POPUP_On	Popup		RLE	Layer 0	Area 0	vedio_43210
	PPAPI_DISPLAY_MenuItem	Select List Item	vehicle / trigger / video / camera / calibration / update / system info	RLE	Layer 1	Area 0	
	PPAPI_DISPLAY_MenuList	Menu List		RLE	Layer 3	Area 0	
	PPAPI_DISPLAY_Background_On	Background		RLE	Layer 4	Area 0	
Vehicle Setting	PPAPI_DISPLAY_POPUP_On	Popup		RLE	Layer 0	Area 0	vedio_43210
	PPAPI_DISPLAY_MenuItem	Select List Item	PGL / Dynamic Blending	RLE	Layer 1	Area 0	
	PPAPI_DISPLAY_SubMenuList	[select / no select] Sub menu1 : pgl	Off / Rear / Always	RLE	Layer 1	Area 1	
	PPAPI_DISPLAY_SubMenuList	[select / no select] Sub menu2 : dynamic blending	Off / On	RLE	Layer 1	Area 2	
	PPAPI_DISPLAY_MenuList	Menu List		RLE	Layer 3	Area 0	
	PPAPI_DISPLAY_Background_On	Background		RLE	Layer 4	Area 0	
Trigger Setting	PPAPI_DISPLAY_POPUP_On	Popup		RLE	Layer 0	Area 0	vedio_43210
	PPAPI_DISPLAY_MenuItem	Select List Item	reverse signal / reverse view / turn signal / turn view / emergency signal / emergency view / back	RLE	Layer 1	Area 0	
	PPAPI_DISPLAY_SubMenuList	[select / no select] Sub menu1 : reverse signal	on / off	RLE	Layer 1	Area 1	
	PPAPI_DISPLAY_SubMenuList	[select / no select] Sub menu2 : reverse view	top+3D rear / top+rear	RLE	Layer 1	Area 2	
	PPAPI_DISPLAY_SubMenuList	[select / no select] Sub menu3 : turn signal	on / off	RLE	Layer 1	Area 3	
	PPAPI_DISPLAY_SubMenuList	[select / no select] Sub menu4 : turn view	top+3D left front / top+3D right front / top+3D left / top+3D right	RLE	Layer 2	Area 0	
	PPAPI_DISPLAY_SubMenuList	[select / no select] Sub menu5 : emergency signal	on / off	RLE	Layer 2	Area 1	
	PPAPI_DISPLAY_SubMenuList	[select / no select] Sub menu6 : emergency view	top+3D front / top+front / top+3D left front / top+3D right front	RLE	Layer 2	Area 2	
	PPAPI_DISPLAY_MenuList	Menu List		RLE	Layer 3	Area 0	
	PPAPI_DISPLAY_Background_On	Background		RLE	Layer 4	Area 0	

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Layer Organization (2/3)

Scene	API	OSD list	sub menu list	Format	Layer	Area	Layer order
Video Setting	PPAPI_DISPLAY_POPUP_On	Popup		RLE	Layer 0	Area 0	vedio_43210
	PPAPI_DISPLAY_MenuItem	Select List Item	screen x / screen y / brightness / contrast / saturation / back	RLE	Layer 1	Area 0	
	PPAPI_DISPLAY_SubMenuList	[select / no select] Sub menu1 : screen x	0 / 1 / 2 / 3 / 4 / 5 / 6 / 7 / 8 / 9 / 10	RLE	Layer 1	Area 1	
	PPAPI_DISPLAY_SubMenuList	[select / no select] Sub menu2 : screen y	0 / 1 / 2 / 3 / 4 / 5 / 6 / 7 / 8 / 9 / 10	RLE	Layer 1	Area 2	
	PPAPI_DISPLAY_SubMenuList	[select / no select] Sub menu3 : brightness	0 / 1 / 2 / 3 / 4 / 5 / 6 / 7 / 8 / 9 / 10	RLE	Layer 1	Area 3	
	PPAPI_DISPLAY_SubMenuList	[select / no select] Sub menu4 : contrast	0 / 1 / 2 / 3 / 4 / 5 / 6 / 7 / 8 / 9 / 10	RLE	Layer 2	Area 0	
	PPAPI_DISPLAY_SubMenuList	[select / no select] Sub menu5 : saturation	0 / 1 / 2 / 3 / 4 / 5 / 6 / 7 / 8 / 9 / 10	RLE	Layer 2	Area 1	
	PPAPI_DISPLAY_MenuList	Menu List		RLE	Layer 3	Area 0	
	PPAPI_DISPLAY_Background_On	Background		RLE	Layer 4	Area 0	
Camera Setting	PPAPI_DISPLAY_POPUP_On	Popup		RLE	Layer 0	Area 0	vedio_43210
	PPAPI_DISPLAY_PROGRESSBAR_On	Progress Bar		RLE	Layer 0	Area 1	
	PPAPI_DISPLAY_MenuItem	Select List Item	front / right / left / rear / quad / capture / back	RLE	Layer 1	Area 0	
	PPAPI_DISPLAY_MenuList	Menu List		RLE	Layer 3	Area 0	
	PPAPI_DISPLAY_Background_On	Background		RLE	Layer 4	Area 0	
Calibration & Auto Calibration	PPAPI_DISPLAY_POPUP_On	Popup		RLE	Layer 0	Area 0	vedio_43210
	PPAPI_DISPLAY_PROGRESSBAR_On	Progress Bar		RLE	Layer 0	Area 1	
	PPAPI_DISPLAY_DIALOG_On	Dialog button	ok / cancel	RLE	Layer 0	Area 2	
	PPAPI_DISPLAY_MenuItem	Select List Item	auto calibration / manual calibraton / back	RLE	Layer 1	Area 0	
	PPAPI_DISPLAY_DIALOG_On	Dialog Box		RLE	Layer 1	Area 1	
	PPAPI_DISPLAY_MenuList	Menu List		RLE	Layer 3	Area 0	
	PPAPI_DISPLAY_Background_On	Background		RLE	Layer 4	Area 0	
Manual Calibration	PPAPI_DISPLAY_POPUP_On	Popup		RLE	Layer 0	Area 0	vedio_43210
	PPAPI_DISPLAY_PROGRESSBAR_On	Progress Bar		RLE	Layer 0	Area 1	
	PPAPI_DISPLAY_DIALOG_On	Dialog button	ok / cancel	RLE	Layer 0	Area 2	
	PPAPI_DISPLAY_MenuItem	Select List Item	front / rear / left / right / view generation / back	RLE	Layer 1	Area 0	
	PPAPI_DISPLAY_DIALOG_On	Dialog Box		RLE	Layer 1	Area 1	
	PPAPI_DISPLAY_CALIB_Point	[select / no select] Position 1		RLE	Layer 2	Area 0	
	PPAPI_DISPLAY_CALIB_Point	[select / no select] Position 2		RLE	Layer 2	Area 1	
	PPAPI_DISPLAY_CALIB_Point	[select / no select] Position 3		RLE	Layer 2	Area 2	
	PPAPI_DISPLAY_CALIB_Point	[select / no select] Position 4		RLE	Layer 2	Area 3	
	PPAPI_DISPLAY_MenuList	Menu List		RLE	Layer 3	Area 0	
	PPAPI_DISPLAY_SubMenuList	[no select] Sub Menu List	mirror/normal	RLE	Layer 3	Area 1	
	PPAPI_DISPLAY_CALIB_Point	[select / no select] Position 5		RLE	Layer 4	Area 0	
	PPAPI_DISPLAY_CALIB_Point	[select / no select] Position 6		RLE	Layer 4	Area 1	
	PPAPI_DISPLAY_CALIB_Point	[select / no select] Position 7		RLE	Layer 4	Area 2	
	PPAPI_DISPLAY_CALIB_Point	[select / no select] Position 8		RLE	Layer 4	Area 3	

Layer Organization (3/3)

Scene	API	OSD list	sub menu list	Format	Layer	Area	Layer order
View Generation	PPAPI_DISPLAY_POPUP_On	Popup		RLE	Layer 0	Area 0	video_12340
	PPAPI_DISPLAY_PROGRESSBAR_On	Progress Bar		RLE	Layer 0	Area 1	
	PPAPI_DISPLAY_DIALOG_On	Dialog button	ok / cancel	RLE	Layer 0	Area 2	
	PPAPI_DISPLAY_VIEW_ViewMode	ViewMode	front / rear / 3d front / 3d rear / 3d left / 3d left front / 3d right / 3d right front	RLE	Layer 0	Area 3	
	PPAPI_DISPLAY_DIALOG_On	Dialog Box		RLE	Layer 1	Area 1	
	PPAPI_DISPLAY_VIEW_2DCarImage	2D Car		RLE/16bit	Layer 3	Area 0	
	PPAPI_DISPLAY_VIEW_3DCarImage	3D Car	3d front / 3d rear / 3d left / 3d left front / 3d right / 3d right front	RLE/16bit	Layer 3	Area 1	
	PPAPI_DISPLAY_Background_On	Outline with warning		RLE	Layer 4	Area 0	
Update Setting	PPAPI_DISPLAY_POPUP_On	Popup		RLE	Layer 0	Area 0	vedio_43210
	PPAPI_DISPLAY_PROGRESSBAR_On	Progress Bar		RLE	Layer 0	Area 1	
	PPAPI_DISPLAY_DIALOG_On	Dialog button	ok / cancel	RLE	Layer 0	Area 2	
	PPAPI_DISPLAY_MenuItem	Select List Item	factory reset / fw update / back	RLE	Layer 1	Area 0	
	PPAPI_DISPLAY_DIALOG_On	Dialog Box		RLE	Layer 1	Area 1	
	PPAPI_DISPLAY_MenuList	Menu List		RLE	Layer 3	Arear 0	
	PPAPI_DISPLAY_Background_On	Background		RLE	Layer 4	Area 0	
System Info	PPAPI_DISPLAY_POPUP_On	Popup		RLE	Layer 0	Area 0	vedio_43210
	PPAPI_DISPLAY_MenuItem	Select List Item	back	RLE	Layer 1	Area 0	
	PPAPI_DISPLAY_SubMenuList	[no select] Sub menu1 : FW version		RLE	Layer 1	Area 1	
	PPAPI_DISPLAY_SubMenuList	[no select] Sub menu2 : Lib version		RLE	Layer 1	Area 2	
	PPAPI_DISPLAY_SubMenuList	[no select] Sub menu3 : ISP version		RLE	Layer 1	Area 3	
	PPAPI_DISPLAY_SubMenuList	[no select] Sub menu4 : Sensor ID		RLE	Layer 2	Area 0	
	PPAPI_DISPLAY_MenuList	Menu List		RLE	Layer 3	Area 0	
	PPAPI_DISPLAY_Background_On	Background		RLE	Layer 4	Area 0	

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