PI5008K SVM Solution's System Specification

version 1.0.0 2018.06.08

		Specification		2018.06.	2018.07			Remark
Basic	FreeRTOS Version		8.0.0	Yes	Yes			
	Boot loader	Type	SPI Nand/Nor	Yes	Yes			
		Defalut Deivce	NAND (*MTFXG01/GD5F1G2G*)	Yes	Yes			
			NOR(*MXIC*)	Yes	Yes			
Driver	DRAM Control	DDR3(32bit)	128~512MB(*ISSI*)	Yes	Yes			
	Flash Device	NAND Driver	FTL	Yes	Yes			
		SD card	FAT32	Yes	Yes			
	Audio	I2S Interface	WM8581	▓	Yes			
	I/O	GPSB	SPI Host	Yes	Yes			
			SPI Slave	▓	Yes			
		I2C		Yes	Yes			
		UART		Yes	Yes			
	Display Interface	Digital	YUV8/16	Yes	Yes			
			RGB888	Yes	Yes			
			Bayer	Yes	Yes			
		CVBS	NTSC	Yes	Yes			
			PAL	Yes	Yes			
		Analog HD	CVI, AHD, TVI	Yes	Yes			CVI(Dahwa), HDA(Next****), HDT(Hik*****)
		Output Resolution	720x480, 720x576	Yes	Yes			
			1280x720p, 1280x960p	Yes	Yes			
			800x480p, 1024x600p	▓	Yes			
			1920x1080p	Yes	Yes			
		Default Resolution	1280x720p	Yes	Yes			
	Camera	MIPI Bayer	OV9716 (*Maxim* serdes)	Yes	Yes			
			OV9736(*TI* serdes)	▓	Yes			
				Yes	Yes			
		MIPI YUV	OV9716 (*Maxim* serdes)	Yes	Yes			
		CVBS	NTSC	Yes	Yes			
			PAL	Yes	Yes			
		Analog HD	CVI, AHD, TVI	Yes	Yes			CVI(Dahwa), HDA(Next****), HDT(Hik*****)
		Input Resolution	720x480, 720x576	Yes	Yes			
			1280x720p, 1280x960p	Yes	Yes			
			1920x1080p	▓	Yes			
		Default Resolution	1280x720p	Yes	Yes			

* Test only