



H.264

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Embedded DVR Products Spec.  
 Comparison sheet  
 H.264



CAMERA SIGNAL	ITEM	SD5816HO		SD5808HO		SD5804HO		SD582216CO		SD582208CO	
		NTSC	PAL	NTSC	PAL	NTSC	PAL	NTSC	PAL	NTSC	PAL
VIDEO FEATURES	TV Standard	480 FPS	400 FPS	240 FPS	200 FPS	120 FPS	100 FPS	480 FPS	400 FPS	240 FPS	200 FPS
	Live (Real time display)	2 times digital									
	Zoom	2 times digital									
	Sequence	Full display, 4 split display with 4 pages, 9 split display with 2		Full display, 4 split display with 4 pages		Full display					
	Format	1 screen, Quad pages split, 9 split, 16 split		1 screen, Quad pages split, 9 split		1 screen(full), Quad split					
AUDIO FEATURES	Video enhance	Brightness, Contrast control each camera									
	VGA out control / LCD Display enhance	Brightness, Contrast, saturation									
	G.723	16ch Input / 1ch Output		8ch Input / 1ch Output		4ch Input / 1ch Output		8ch Input / 1ch Output		4ch Input / 1ch Output	
	Speaker Output Volume Control	16 steps									
RECORDING	Audio Input Volume Control	16 steps									
	FPS	480 FPS	400 FPS	240 FPS	200 FPS	120 FPS	100 FPS	480 FPS	400 FPS	240 FPS	200 FPS
	Resolution	Each camera set in D1, HD1, CIF 704x480,704x240,352x240 (NTSC) / 704x576, 704x288, 352x288 (PAL)									
	Codec	H.264									
	Type	Timer, Motion, Alarm, Manual individually set									
SEARCH	Pre record	0-30 sec									
	Media	4 HDD(Auto over write)									
	Time, Thumbnail, Panorama, Smart, Event log List, Quick Search	Fast x128 , Slow, Forward, Reverse, Image by image									
BACKUP	DVD r/w, CD r/w, HDD, Stick mamory, Network	Each Camera, ALL Camera, Time range									
	Data Protection	Data will be safely protected by adjustable time range									
USER INTERFACE	GUI	RGB 24bit full color									
	Operating interface	Mouse, Keypad, IR remote controller, Network									
LANGUAGE	Jog shuttle	Jog shuttle in front panel									
	Multi language	English, Chinese, Taiwanese, Portuguese, Spanish, Japanese, Russian, German, Finish,									
NETWORK	Ethernet 10/100M Auto	TCP/IP, DHCP, DDNS, MNS server									
	Mobile Phone	TCP/IP with WI-Fi									
	SMP Server	Alarm, Motion, Record ON/OFF, Replay, HDD Fail, Video loss, Power Loss...etc									
PC Program	Remote Viewer	Simultely same with local DVR									
	CMS	Same time 32 site connect and control, 640 site grouping									
Communication	PC Player	DVD, CD, external HDD, USB memory, pc HDD (Replay, AVI convert, Copy, Print)									
	2way Audio communication	PC to DVR									
SERIAL	USB 2.0	USB ODD, USB HDD, USB Memory									
	RS485	16 camera Pan/Tilt, Remote control		8 camera Pan/Tilt, Remote control		4 camera Pan/Tilt, Remote control		16 camera Pan/Tilt, Remote control		8 camera Pan/Tilt, Remote control	
ALARM	Inputs	16 Inputs		8 Inputs		4 Inputs		8 Inputs		4 Inputs	
	Outputs	4 Relay Output(3A max)									
	Latch up	1 ~ 10 sec									
HDD	Buzzer Out	On/Off									
	S-ATA	4 HDD									
POWER	Input Voltage	AC 110V/ 220V(Selectable) 50-60Hz									
	Power consumption	Approx. 80W									
CONNECTORS	Camera Inputs	16 BNC		8 BNC		4 BNC		8- 6pin Din Cameras(1-8ch) and 8- BNC		8- 6pin Din Cameras and 8- BNC	
	Camera Outputs	16 BNC(Looping)		8 BNC(Looping)		4 BNC(Looping)		1 RCA for slave monitor			
	Audio Inputs	16 RCA		8 RCA		4 RCA					
	Audio Output	1 RCA(Rear Panel), 1RCA(Front Panel)									
	Composit monitor Outputs (Monitor, VCR)	2 BNC, 1RCA(Front Panel)									
	VGA monitor Output	15pin HDSUB									
	Alarm In/Out	26pin HDSUB									
	RS485	9pin DSUB									
	Ethernet	RJ45									
	USB	4 USB ports (2 rear panel, 2 front panel)									
MECHANICAL	Dimension(m/m)	430(W)x375(D)x90(H)									
	Weight	Approx. 10 Kg									
ENVIRONMENT	Operating Temperature	0 ~ 60° C									
	Humidity	10 ~ 90%									
LCD	Display	-									
	Pixel Pitch	-									
	Active Display Area	-									
	Display Colors	-									
	Display Mode	-									
	Pixel Arrangement	-									
	Luminance of White	-									
	Contrast Ratio(Center)	-									
	Viewing Angle L/R/T/B	-									
	Operating Temperature	-									
	Storage Temperature	-									
			22" TFT LCD active matrix								
		0.282(H) x 0.282(V) mm									
		473.76(H) x 296.1(V) mm									
		16.7M (Hi-FRC)									
		Normally White									
		RGB vertical stripe									
		300 cd/m <sup>2</sup>									
		1000:01:00									
		80 / 80 / 80 / 80 degrees									
		0℃ ~ 60℃									
		-25℃ ~ 60℃									