

Vzortech *The Basic of CCTV System*



Model	ND-01	ND-02	ND-05	ND-11	NMP-01
Pickup Device	1/3" SONY Colour CCD	1/3" SONY Colour CCD	1/3" Super CMOS Colour Chipset	1/4" VMICRO Colour Chipset	1/4" VMICRO Colour Chipset
Lens	3.6 mm	3.6 mm	4 mm	6 mm	4.3 mm
Resolution	420 TV Lines	420 TV Lines	500 TV Lines	380 TV Lines	380 TV Lines
Min.Illumination	0.2 Lux (F1.2)	0.5 Lux (F1.2)	0.8 Lux (F1.2)	3 Lux (F1.2)	3 Lux(F1.2)
Other Feature	Low Lux	Multi-angle viewing	Multi-angle viewing	Slow Shutter	Mini pinhole, Mic Pinhole Lens



Model	NK-112CD	NK-112CM	NK-133		
Pickup Device	1/3" SHARP Colour CCD	1/3" Colour CMOS	1/4" VMICRO Colour Chipset		
Lens	3.6 mm	3.6 mm	3.6 mm		
Resolution	420 TV Lines	380 TV Lines	380 TV Lines		
Min.Illumination	2Lux/0 Lux(12*IR on)	2 Lux/ 0 Lux(12*IR on)	2 Lux / 0 Lux(9*IR on)		
Other Feature	5~8m NightView, Mirror effect for car	5~8m NightView Mirror effect for car	2~3m NightView Mirror effect for car		



Model	NR-01	NR-02	NR-03	NR-04	NR-05
Pickup Device	1/3" SONY Colour CCD	1/4" VMICRO Colour Chipset	1/4" SONY SuperHAD Colour Chipset	1/4" VMICRO Colour Chipset	1/3" Super CMOS Colour Chipset
Lens	4.2 mm	3.6 mm	3.6 mm	3.6 mm	3.6 mm
Resolution	420 TV Lines	380 TV Lines	420 TV Lines	420 TV Lines	500 TV Lines
Min.Illumination	0.5Lux/0 Lux(24*IR on)	2 Lux/ 0 Lux(12*IR on)	1 Lux / 0 Lux(12*IR on)	1 Lux / 0 Lux(24*IR on)	0.8 Lux/ 0 Lux(24*IR on)
Other Feature	Multi-angle viewing, 10~12m NightView	5~10m NightView	10~15m Night View	10~15m Night View	10~15m Night View SuperHigh Resolution



Model	NR-101	NR-102	NR-103	NR-106	NR-107
Pickup Device	1/4" VMICRO Colour Chipset	1/3" SONY Colour CCD	1/3" SHARP Colour CCD	1/4" SONY SuperHAD Colour Chipset	1/4" HD CMOS Colour Chipset
Lens	3.6 mm	3.6 mm	3.6 mm	3.6 mm	3.6 mm
Resolution	380 TV Lines	420 TV Lines	420 TV Lines	450 TV Lines	800 TV Lines
Min.Illumination	1 Lux / 0 Lux(24*IR on)	1 Lux / 0 Lux(30*IR on)	0.8Lux/0 Lux(35*IR on)	0.5 / 0 Lux(10*IR on)	0.1 / 0 Lux(24*IR on)
Other Feature	10~15m Night View	15~20m Night View	20~25m NightView	10~15m Night View	10~20m Night View



Model	NR-108	NR-109	NR-110	NR-111A	
Pickup Device	1/4" HD CMOS Colour Chipset	1/3" HD CMOS Colour Chipset	1/3" HD CMOS Colour Chipset	1/3" Super CMOS Colour Chipset	
Lens	3.6 mm	3.6 mm	3.6 mm	6 mm	
Resolution	700 TV Lines	700 TV Lines	700 TV Lines	650 TV Lines	
Min.Illumination	0.1 / 0 Lux(24*IR on)	0.05 / 0 Lux(24*IR on)	0.1 / 0 Lux(24*IR on)	1 / 0 Lux(1*IR Array)	
Other Feature	10~20m Night View	10~20m Night View	10~20m Night View	10~15m Night View	

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Model	NVR-0401	NVR-041	NVR-042	NVR-043	NVR-043A
Video I/O	4ch. / 1ch.(BNC)	4ch. / 3ch.(VGA,HDMI)	4ch. / 2ch.(VGA)	4ch. / 3ch.(VGA)	4ch. / 2ch.(VGA)
Audio I/O	4ch. / 1ch.(RCA)	4ch. / 1ch.(BNC)	2ch. / 1ch.(BNC)	1ch. / 1ch.(RCA)	4ch. / 1ch.(RCA)
Alarm I/O	-	4ch. / 3ch.(NO/NC)	4ch. / 1ch.(NO)	4ch. / 1ch.(NO)	1ch. / 1ch.(NO)
Display/Rec.Rate	100 / 100 fps.(max)	100 / 100 fps.(max)	100 / 100 fps.(max)	100 / 100 fps.(max)	100 / 100 fps.(max)
Max.Resolution	D1:(720*576)	D1:(720*576)	D1:(704*576)	D1:(704*576)	D1:(704*576)
Compression	H.264	H.264	H.264	H.264	H.264
Other Feature	Pendrive,1*HDB,Net	Pendrive,1*HDBay,Net	Pendrive,1*HDBay,Net	Pendrive,1*HDBay,Net	Spot,1*HDBay,Net



Model	NVR-044	NVR-045	NVR-104	NVR-471	HA-4125
Video I/O	4ch. / 2ch.(VGA)	4ch. / 3ch.(VGA,HDMI)	4ch. / 2ch.(VGA)	4ch. / 2ch.(BNC)	4ch. / 2ch.(VGA)
Audio I/O	4ch. / 1ch.(RCA)	4ch. / 1ch.(RCA)	2ch. / 1ch.	-	4ch. / 1ch.(RCA)
Alarm I/O	-	-	-	-	4ch. / 1ch.(NO/NC)
Display/Rec.Rate	100 / 100 fps.(max)	100 / 100 fps.(max)	100 / 100 fps.(max)	100 / 25 fps.(max)	100 / 100 fps.(max.)
Max.Resolution	D1:(704*576)	D1:(704*576)	D1:(704*576)	640*540	704*576
Compression	H.264	H.264	H.264	Modofied MJPEG	H.264
Other Feature	1*HDBay,Net,RS485	1*HDBay,Net,RS485	Pendrive,1*HDBay,Net	PCLink,1*HDBay	2*HDBay,Net,USB



Model	ADV-104EV	TA-462P			FVR-401
Video I/O	4ch. / 3ch.(VGA)	4ch. / 1ch.(BNC)			4ch. / 2ch.(VGA)
Audio I/O	1ch. / 1ch.(RCA)	2ch. / 1ch.(RCA)			1ch. / 1ch.(RCA)
Alarm I/O	4ch. / 1ch.(NO/NC)	-			-
Display/Rec.Rate	100 / 100 fps.(max.)	100 / 50 fps.(max)			100 / 100 fps.(max)
Max.Resolution	720*576	640*272			D1:(704*576)
Compression	H.264	Modofied MJPEG			H.264
Other Feature	1*HDBay,Net,PTZ	Pendrive,1*HDBay			1*HDBay,Net,RS485



Model	NVR-0801	NVR-0802A	NVR-0804	NVR-0805	NVR-081
Video I/O	8ch. / 3ch.(VGA)	8ch. / 2ch.(VGA)	8ch. / 2ch.(VGA)	8ch. / 3ch.(VGA,HDMI)	8ch. / 3ch.(VGA,HDMI)
Audio I/O	8ch. / 1ch.(RCA)	8ch. / 1ch.(RCA)	1ch. / 1ch.(RCA)	1ch. / 1ch.(RCA)	8ch. / 1ch.(BNC)
Alarm I/O	8ch. / 1ch.(NO/NC)	4ch. / 1ch.(NO)	1ch. / 1ch.(Pin)	-	8ch. / 3ch.(NO/NC)
Display/Rec.Rate	200 / 200 fps.(max)	200 / 200 fps.(max)	200 / 200 fps.(max)	200 / 200 fps.(max)	200 / 200 fps.(max)
Max.Resolution	D1:(720*576)	2*D1 + 6*CIF	2*D1 + 6*CIF	2*D1 + 6*CIF	D1:(720*576)
Compression	H.264	H.264	H.264	H.264	H.264
Other Feature	Pendrive,1*HDB,Net	Pendrive,1*HDB,Net	Pendrive,1*HDB,Net	Pendrive,1*HDB,Net	Pendrive,1*HDBay,Net



Model	HA-842	HA-8200			
Video I/O	8ch. / 2ch.(VGA)	8ch. / 2ch.(VGA)			
Audio I/O	4ch. / 1ch.(RCA)	4ch. / 1ch.(RCA)			
Alarm I/O	4ch. / 1ch.(NO)	4ch. / 1ch.(NO)			
Display/Rec.Rate	200 / 200 fps.(max)	200 / 200 fps.(max)			
Max.Resolution	D1:(720*576)	D1:(720*576)			
Compression	H.264	H.264			
Other Feature	Pendrive,1*HDB,Net	Pendrive,1*HDB,Net			

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Model	NVR-979				HA-1648
Video I/O	9ch. / 1ch.				16ch. / 2ch.(VGA)
Audio I/O	1ch. / 1ch.(RCA)				4ch. / 1ch.(RCA)
Alarm I/O	8ch. / 1ch.(NO/NC)				4ch. / 2ch.(NO/NC)
Display/Rec.Rate	225 / 50 fps.(max.)				400 / 400 fps.(max.)
Max.Resolution	704*508				D1:(720*576)
Compression	Modified MJPEG/MPEG4				H.264
Other Feature	Pendrive,1*HDBay				2*HDBay,Net,USB



Model	NVR-16AS	NVR-1601	NVR-1602/ 1603	NVR-1604	NVR-161
Video I/O	16ch. / 3ch.(VGA)	16ch. / 3ch.(VGA)	16ch. / 2ch.(VGA)	16ch./VGA,HDMI,Video	16ch./ 3ch.(VGA,HDMI)
Audio I/O	4ch. / 1ch.(BNC)	16ch. / 1ch.(RCA)	4ch. / 1ch.(RCA)	4ch. / 1ch.(RCA)	4ch. / 1ch.(BNC)
Alarm I/O	16ch. / 3ch.(NO/NC)	16ch. / 2ch.(NO/NC)	4ch. / 1ch.(NO)	4ch. / 1ch.(NO)	16ch. / 3ch.(NO/NC)
Display/Rec.Rate	400 / 400 fps.(max)	400 / 400 fps.(max)	400 / 400 fps(max)	400 / 400 fps(max)	400 / 400 fps.(max)
Max.Resolution	CIF:(352*288)	CIF:(352*288)	CIF:(352*288)	CIF:(352*288)	D1:(720*576)
Compression	H.264	H.264	H.264	H.264	H.264
Other Feature	Pendrive,1*HDB,Net	Pendrive,2*HDB,Net	Pendrive,2*HDB,Net	Pendrive,2*HDB,Net	Pendrive,1*HDBay,Net

IP Camera



Model	INSD-101W	NRI-101		
Pickup Device	1/4" OVI Colour CMOS	1/4" OVI Colour CMOS		
Lens	3.6 mm	3.6 mm		
Resolution	1 MegaPixel	1 MegaPixel		
Min.Illumination	0.1 Lux/0.01 Lux	0.6 Lux/0.08 Lux		
Other Feature	25fps,H.264,11*IR, PanTilt,DC5V,Wifi	Onvif,25fps,H.264, 24*IR LED,10~15m NV		

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IP Camera



Model	INR-101	INR-102	INR-103	INW-101	
Pickup Device	1/4" OVI Colour CMOS	1/4" OVI Colour CMOS	1/2.5" HD Colour CMOS	1/4" OVI Colour CMOS	
Lens	3.6 mm	3.6 mm	6 mm	3.6 mm	
Resolution	1 MegaPixel	1 MegaPixel	2 MegaPixel	1 MegaPixel	
Min.Illumination	0.1 Lux/0.01 Lux	0.1 Lux/0.01 Lux	0.6 Lux/0.08 Lux	0 Lux(11*IR)	
Other Feature	25fps,H.264, 22*IR LED,10~15m NV	25fps,H.264, 48*IR LED,15~25m NV	25fps,H.264, 2*IR Array,15~25m NV	360° PB,H.264,TF, PanTilt,DC5V,Wifi	

Network Recorder



Model	INVR-0401	INVR-0402	iNR-3008	INVR-0801	INVR-0802
Video I/O	In:4*Cam,Out:1*BNC, 1*VGA, 1*HDMI	In:4*Cam,Out:1*BNC, 1*VGA, 1*HDMI	(Out)1*VGA, 1*HDMI	In:8*Cam,Out:1*BNC, 1*VGA, 1*HDMI	In:8*Cam,Out:1*BNC, 1*VGA, 1*HDMI
Audio I/O	In:4*RCA, Out:1*RCA	In:1*RCA, Out:1*RCA	-	In:8*RCA, Out:1*RCA	In:1*RCA, Out:1*RCA
Alarm I/O	1ch. / 1ch.(NO)	-	-	1ch. / 1ch.(NO)	4ch. / 1ch.(NO)
Other I/O	1*RJ45,RS485	1*RJ45,RS485	1*RJ45	1*RJ45,RS485,RS232	1*RJ45,RS485
Rec.Res.(max)	(V)4*D1,(D)2*1080p (selectable)	(V)4*960H,(D)4*1080p (selectable)	8*1080p/720p, 16*D1 (selectable)	(V)8*D1,(D)2*1080p (selectable)	(V)8*960H,(D)8*1080p (selectable)
Compression	H.264	H.264	H.264	H.264	H.264
Other Feature	Hybrid, PTZ, 1*HDB	Hybrid, PTZ, 1*HDB	Hybrid, 2*HDB, ONVIF	Hybrid, PTZ, 2*HDB	Hybrid, PTZ, 1*HDB



Model	INVR-809H	INVR-1601	iNR-1601G	iNR-1602	INR-2402
Video I/O	In:8*Cam,Out:1*BNC, 1*VGA, 1*HDMI	In:16*Cam,Out:1*BNC, 1*VGA, 1*HDMI	In:16*V,Out:1*BNC, 1*VGA, 1*HDMI	In:16*V,Out:1*VGA, 1*HDMI	In:32*IPCam, (Out)1*VGA, 1*HDMI
Audio I/O	In:8*RCA, Out:1*RCA	In:16*RCA, Out:1*RCA	In:16*RCA, Out:1*RCA	In:4*RCA, Out:1*RCA	In:1*RCA, Out:1*RCA
Alarm I/O	8ch. / 1ch.(NO)	8ch. / 1ch.(NO)	8ch. / 1ch.(NO)	4ch. / 1ch.(NO)	-
Other I/O	1*RJ45,RS485,RS232	1*RJ45,RS485,RS232	1*RJ45,RS485,RS232	1*RJ45,RS485	1*RJ45,RS485
Rec.Res.(max)	(V)8*960H,(D)2*1080p (selectable)	(V)16*960H,(D)4*1080p (selectable)	(V)16*960H,(D)4*1080p (selectable)	(V)16*960H,(D)8*1080p (selectable)	32*1080p (selectable)
Compression	H.264	H.264	H.264	H.264	H.264
Other Feature	Hybrid, PTZ, 2*HDB	Hybrid, PTZ, 2*HDB	Hybrid, PTZ, 2*HDB	Hybrid, PTZ, 2*HDB	Hybrid, PTZ, 2*HDB



Model	IAVR-3201	INVR-3202			
Video I/O	In:32*Cam,Out:2*BNC, 1*VGA, 1*HDMI	In:32*Cam,Out:2*BNC, 1*VGA, 1*HDMI			
Audio I/O	In:16*RCA, Out:1*RCA	In:16*RCA, Out:1*RCA			
Alarm I/O	16ch. / 1ch.(NO)	16ch. / 1ch.(NO)			
Other I/O	1*RJ45,RS485,RS232	1*RJ45,RS485,RS232			
Rec.Res.(max)	(V)32*CIF,(D)2*1080p/ 8*720p.(selectable)	(V)8*D1+24*CIF, (D)4*1080p,(selectable)			
Compression	H.264	H.264			
Other Feature	Hybrid, PTZ, 4*HDB	Hybrid, PTZ, 4*HDB			

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IP Camera c/w Network DVR (Standalone)



Model	INH-401				
Video I/O	(In) 4*Wifi IPCam, (Out) 1*HDMI				
Audio I/O	-				
Alarm I/O	-				
Other I/O	1*RJ45				
Rec.Res.(max)	720p				
Compression	H.264				
Other Feature	Wifi Auto,1*HDD Bay				

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Analog HD Hybrid Network Video Recorder



Model	NAVR-0401	NAVR-0411	NAVR-0412		
Video I/O	(In) 4*BNC, (Out) 1*VGA, 1*HDMI	(In) 4*BNC, (Out) 1*VGA, 1*HDMI	(In) 4*BNC, (Out) 1*VGA, 1*HDMI		
Audio I/O	In:4*RCA, Out:1*RCA	In:1*RCA, Out:1*RCA	In:4*RCA, Out:1*RCA		
Alarm I/O	-	-	-		
Other I/O	1*RJ45	1*RJ45	1*RJ45		
Rec.Res.(max)	720p(4*AHD+4*IP), 1080p(4*AHD)(select.)	(AHD)4*1080N/4*720p, 8*1080p(IP)(select.)	4*AHD(1080p), 16*IP(1080p), selectable		
Compression	H.264	H.264	H.264		
Other Feature	Hybrid, 1*HDB, ONVIF	Hybrid, 1*HDB, ONVIF	AHD,CVI,TVI,XVI, IP		



Model	NAVR-0801	NAVR-0802	NAVR-0803	NAVR-0811	
Video I/O	(In) 8*BNC, (Out) 1*VGA, 1*HDMI	(In) 8*BNC, (Out) 1*VGA, 1*HDMI	(In) 8*BNC, (Out) 1*VGA, 1*HDMI	(In) 8*BNC, (Out) 1*VGA, 1*HDMI	
Audio I/O	In:4*RCA, Out:1*RCA	In:8*RCA, Out:1*RCA	In:4*RCA, Out:1*RCA	In:4*RCA, Out:1*RCA	
Alarm I/O	4ch. / 1ch.(NO)	4ch. / 1ch.(NO)	-	-	
Other I/O	1*RJ45	1*RJ45	1*RJ45	1*RJ45	
Rec.Res.(max)	8*AHD+8*720p (selectable)	720p(8*AHD+8*IP), 1080p(8*AHD)(select.)	8*AHD(1080N) or IP (1080p/960p/5M)	1080p(8*AHD/4*A+4*IP) or 960p(16*IP)(select.)	
Compression	H.264	H.264	H.264	H.264	
Other Feature	Hybrid, 2*HDB, ONVIF	Hybrid, 2*HDB, ONVIF	Hybrid, 1*HDB, ONVIF	Hybrid, 1*HDB, ONVIF	



Model	NAVR-1601	NAVR-1602	NAVR-1622	NAVR-3203	
Video I/O	(In) 16*BNC, (Out) 1*VGA, 1*HDMI	(In) 16*BNC, (Out) 1*VGA, 1*HDMI	(In) 16*BNC, (Out) 1*VGA, 1*HDMI	(In) 32*BNC, (Out) 1*VGA, 1*HDMI	
Audio I/O	In:4*RCA, Out:1*RCA	In:4*RCA, Out:1*RCA	In:6*RCA, Out:1*RCA	In:16*RCA, Out:1*RCA	
Alarm I/O	4ch. / 1ch.(NO)	4ch. / 1ch.(NO)	4ch. / 1ch.(NO)	16ch. / 4ch.(NO)	
Other I/O	1*RJ45	1*RJ45	1*RJ45	1*RJ45	
Rec.Res.(max)	720p(4*AHD+4*IP), 720p(16*AHD)(select.)	16*AHD(1080N) or 16*IP(960p) or mix	16*AHD(1080p) or IP (1080p/960p/3M/5M)	32*AHD(1080N) or IP (1080p/960p/3M/5M)	
Compression	H.264	H.264	H.264	H.264	
Other Feature	Hybrid, 2*HDB, ONVIF	Hybrid, 2*HDB, ONVIF	AHD/TVI/CVI/IP, 2*HDB	Hybrid, 4*HDB, ONVIF	

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Analog HD Camera



Model	NAR-001	NAR-002	NAR-003	NAR-004	NAR-006
Pickup Device	1/4" HD Colour CMOS	1/4" HD Colour CMOS	1/4" HD Colour CMOS	1/4" HD Colour CMOS	1/4" HD Colour CMOS
Lens	3.6 mm	3.6 mm	6 mm	3.6 mm	3.6 mm
Resolution	1 MP, Analog HD	1 MP, Analog HD	1 MP, Analog HD	1 MP, Analog HD	1 MP, Analog HD
Min.Illumination	24*IR LED,10~15m	24*IR LED,10~15m	2*IR Array,10~15m	24*IR LED,10~15m	24*IR LED,10~15m
Other Feature	25fps, H.264, Indoor	25fps, H.264, Outdoor	25fps, H.264,Outdoor, Analog<->AHD switch	25fps, H.264,Outdoor, Analog HD	25fps, H.264,Outdoor, AHD<->CVBS<->CVI<->TVI



Model	NAR-021	NAR-022	NAR-101		
Pickup Device	1/4" PIXIM HD Colour CMOS	1/3" HD Colour CMOS	1/4" HD Colour CMOS		
Lens	3.6 mm	3.6 mm	3.6 mm		
Resolution	2 MP, Analog HD	2 MP, Analog HD	1 MP, Analog HD		
Min.Illumination	2*IR Array,12~15m	24*IR LED,10~15m	24*IR LED,10~15m		
Other Feature	25fps, H.264,Outdoor, AHD<->CVBS<->CVI<->TVI	25fps, H.264,Outdoor, AHD<->CVBS<->CVI<->TVI	25fps, H.264,Outdoor, Analog<->AHD switch		



Model	VS-B1000	VS-B1200	VS-D1200RP		
Pickup Device	1/2.7" HD Colour CMOS	1/2.9" HD Colour CMOS	1/2.9" HD Colour CMOS		
Lens	2.8 mm	3.6 mm	3.6 mm		
Resolution	1 MP, AHD/CVI/TVI	2 MP, AHD/CVI/TVI	2 MP, AHD/CVI/TVI		
Min.Illumination	12*IR LED, 10~20m	12*IR LED, 10~20m	12*IR LED, 10~20m		
Other Feature	25fps, H.264, Indoor,AHD<->CVBS	25fps, H.264, Indoor,AHD<->CVBS	25fps, H.264, Indoor,AHD<->CVBS		

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