



Model Name NVR		RS-H4504HR-N-W
Description		
Video	Resolution	1920x1080p (2MP)
	Inputs	4CH (Wireless video transmission)
Live	Resolution	1920x1080p (2MP)
	Frame rate	Max 80fps@2MP Auto fps Max 20fps@2MP/CH, Bitrate : Auto
	Multi Screen display	1/4/SEQ
Performance		
Operating System		Linux
Installation wizard		Support
Recording	Compression	H.264/265+
	Recording bandwidth	Up to 6Mbps
	Frame rate	Dual track recording
		- Main stream : H.265/264 selectable Max 20fps@2MP/CH, Bitrate : Auto
	Event type	MD(Sensitivity Level 1~8)
		Videlo loss
	HDD full event	HDD (Full, Failure)
Search&Playback	Post-event	Beep, Email, Push notification to Mobile APP
		Up to 5min (30sec, 1/2/5min)
	Search mode	Date,Time/Event
	Playback function	Stop, Pause, Play
		Fast forward / backward (2x, 4x, 8x)
		Slow forward (1/2x, 1/4x, 1/8x)
		Step forward / backward
	Playback bandwidth	TBD (total , Max 4CH playback)
	Playback frame rate	- Single channel view Max 20fps@2MP per channel (Auto FPS)
		- Multi channel view : 4CH Max 80fps@2MP (Auto FPS)
Network	Protocol support	TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, DHCP, SMTP, DNS, DDNS

Local/Remote	SET UI	
Etc	Face Detection	YES
	Human detection	YES
	WIFI	YES
	Push notification	YES
	P2P easy connection	YES
	Dropbox	YES
	FW upgrade	- Network upgrade - USB upgrade via download
Storage	Internal HDD	SATA HDD*1 (Max8TB)
Interface		
Monitors	VGA	VGA*1 (1024*768, 1280*1024, 1280*720, 1440*900, 1920*1080)
	HDMI	HDMI*1 (1024*768, 1280*1024, 1280*720, 1440*900, 1920*1080) ※ EDID (monitor resolution auto detection)
	Simulatneous Output	Support (HDMI and VGA)
Connections	Ethernet	1 RJ45 10/100 Base-T
	USB	USB2.0*1, USB2.0*1 (for mouse and backup/upgrade)
	Application Support	Mouse, Remote control
General		
Mechanical design	Design	Black / Metal
	Dimension (WxDxH)	300*209*48mm
Electrical	Input Voltage/Current	DC12V/2A
	Power consumption	5W(no HDD)
Environmental	Operating Temperature/Humidity	Temperature : 0°C~+40°C (32°F ~ 104°F) Humidity : 20% ~ 85%RH



Model Name (WIFI CAMERA)	RS-CH222H1CGA-WL-36W
Video	
Imaging Device	2MP CMOS
Effective Pixels	1920x1080p (2MP)
Scanning System	Progressive
Horizontal Resolution	1080p
Min. Illumination	0Lux (IR LED ON)
Camera Output	WiFi
Lens	
Focal Length	3.6mm
Max. Aperture Ratio	F2.4
Angular Field of View	D : 105°
Operational	
Shutter Mode	Auto
Gain Control	Auto
White Balance	Auto
Wide Dynamic Range	D-WDR
Digital Noise Reduction	3DNR
Day & Night	TRUE D/N, Auto
Night Distance	40ft (12M)
Transmission Distance	Max 300M(Empty No interference distance)
White LED Distance	8M
PIR Distance	8M
Environmental	
Operating Temperature / Humidity	-30°C ~ +50°C / Less than 90% RH ※ Startup : -10°C ~ +50°C
Ingress Protection	IP66
Mechanical / Package information	
Color / Material	white / Plastic