



Item		NH223	
Camera			
Image Sensor		Sony Progressive CMOS	
Effective Pixels		2048(H) x 1536(V)	
White Balance		Manual / AWB / ATW	
Shutter Speed		1 - 1/10000 sec.	
Lens			
Lens		3x Optical Zoom, Auto Focus	Motorized Vari-focal 3-9 mm
Focal Length		3.0 - 9.0 mm	
F Number		F1.2 (Wide); F2.1 (Tele)	F1.2
Operation			
Multiple Languages		English / French / German / Italian / Japanese / Korean / Portuguese / Russian / Simplified Chinese / Spanish / Traditional Chinese	
Image Setting	Iris Control*	P Iris/DC Iris	
	Backlight Compensation	On / Off	
	White Balance	Manual / ATW / Auto	
	Noise Reduction	3D	On / Off
	Wide Dynamic Range	On / Off	
	Privacy Mask	On / Off	
	Brightness	Manual	
	Exposure	Auto / Manual	
	Sharpness	Manual	
	Contrast	Manual	
	Saturation	Manual	
	Hue	Manual	
	Digital Zoom	Support	
	Motion Detection	On / Off / By Schedule	
	Privacy Mask Type	Color	
ICR*	Auto / On / Off / Smart		
Tampering Alarm	On / Off / By Schedule		
Audio	Two-way Audio	Line out, Line in	
	Compression	G.711 / G.726	
Network			
Interface		RJ-45, 10/100 Mbps Ethernet	
Video Compression		H.264 / MJPEG	
Video Streaming		Dual Streams H.264 + MJPEG / H.264 + H.264 Quad Streams H.264 x 4 / H.264 x 3 + MJPEG	
Video Resolution		H.264- 3M / Full HD 1080P / SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF MJPEG- Full HD 1080P / SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF	
Frame Rate		Dual Streams : 2048 x 1536 (15 fps) + 720p (15 fps) 1080p (25 / 30 fps) + D1 (25 / 30 fps)	
Protocol		IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP,	
Security		HTTPS / IP Filter / IEEE 802.1x	
Alarm	Input	1 Set 5V 10kΩ pull up	
	Output	1 Set Photo Relay Output 300V DC/AC	
Event Notification		HTTP / FTP / SMTP	
Micro SD		microSDHC 32GB support	
Supported Web Browser		Internet Explore (6.0+) / Chrome / Firefox / Safari	
User Account		20	
Password Levels		User and Administrator	
Mechanical			
*Built-in IR Illuminator	Working Distance	up to 25 m	
	Wavelength	850 nm	
	Number of LEDs	24	
LED Indicator		Power / Link / ACT	
Connectors	Alarm	4 Pin Terminal Block	
	Power	3 Pin Terminal Block	
	Ethernet	RJ-45	
	Analog Video	1.0 Vp-p / 75 Ω, BNC	
	Audio	4 Pin Terminal Block	
General			
Operating Temperature		-10°C - 50°C (14° - 122° F) w/ Heater & Fan, Powered by DC 12V: -30°C - 50°C (-22° - 122° F) / w/ Heater & Fan, Powered by AC 24V: -35°C - 50°C (-31° - 122° F)	
Humidity		10% - 90%, No Condensation	
Weatherproof Standard		IP66	
Dimension		Indoor: Ø 151 x 130 mm (Ø 5.9 x 5.1 in.) Outdoor: Ø 170 x 210 mm (Ø 6.7 x 8.3 in.)	
Weight		Indoor: 800 g (1.8 lb) Outdoor: 1300 g (2.9 lb)	
Power Source		DC 12V / AC 24V / PoE	
Power Consumption		System: 5 W (Heater: +6 W, Fan: +1 W, Built-in IR Illuminator: +3 W, 3X AF Lens: +3W, Motorized Lens: +3.6 W)	
Regulatory		CE / FCC / RoHS	

Product specification and availability are subject to change without notice.