

8MP Network Dome Camera

30M IR



Specification

Model		IQ83A7-G3	IQ83R7-G3
SoC Brand		Taiwan NOVATEK SoC	
Image Sensor		1/2.8" 8MP CMOS Sensor ; IMX415	
Compression		Audio: G711	
Onvif		Profile S / G / T	
Video Stream	Main	50Hz:15fps / 60Hz:20fps @ (3840x2160, 2592x1944, 2560x1440, 2048x1536, 1920x1080, 1280x720, 960x540, 704x480, 640x360, 352x240, 320x180)	
	Sub	50Hz:15fps / 60Hz:20fps @ (704x480, 640x360, 352x240, 320x180)	
	Third	50Hz:15fps / 60Hz:20fps @ (352x240)	
Video Bit Rate		64Kbps-12Mbps, Support CBR-VBR	
Wide Dynamic Range		Yes ($\leq 120\text{dB}$)	
Digital Zoom		Yes	
White Balance		Auto / Indoor / Outdoor / Manual	
Day/Night		Auto / Day mode / Night mode / External control	
Shutter / Exposure Model		Auto / 1/30(25) ~ 1/10000	
Digital Noise Reduction		2DNR 、 3DNR	
Signal to Noise Ratio		$\leq 40\text{db}$ (AGC Off)	
OSD Display		Camera name/ Date and Time, Display position can be adjusted	
Image Settings		Brightness, Saturation, Contrast, Sharpness, Image Enhancement, Anti-flicker Flip Mode Adjustable by Client Software or Web Browser	
Watermark		Yes	
ICR Lens		3.6mm 8MP Lens	
Min. illumination		0.01 Lux @F1.2 ; 0 Lux @F1.2 (IR On)	
IR Range		30M IR distance	
ROI (Region of Interest)		4 Zones	
Privacy Mask		8 Zones	
Audio In / Out		Mic. in	Mic. in RCA - LINE out
Alarm In / Out		No	1 in / 1 out
SD card Storage		Yes	
Intelligent Detection Function		Motion Detection Video Tampering, Line Crossing Detection, Intrusion Detection, People Detection	
Network Interface		10M / 100M Base-TX Ethernet	
Protocol		IPv4/HTTP/SMTP/DNS/DDNS/RTSP/TCP/UDP/DHCP/RTP/NTP/ARP/P2P	
Maximum connection stream		10	
Browser		Edge / Chrome	
Remote		Support Windows 11/10/8/7, App for Mac/iPhone/iPad/Android phone and Tablet PC	
POE (Power over Ethernet)		Build-in ; IEEE802.3af	
Waterproof		IP66	
Working Environment		-25°C ~ 65°C, 0 ~ 90% RHG	
Dimension / Weight		110(Ø) x 100(H) mm / 315g	
Power Consumption		12 VDC, max. 7W	