

AD8R

4K Motorized Vandal-proof IR Dome Camera



Main Features



Sony 4K 1/1.8"
Progressive CMOS



Motorized 3.6-11mm



Vandal-proof IK10
ratings



High Efficiency Video
Coding



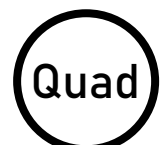
Weatherproof



Operating
Temperature -30°C to
60°C



IR Range: 40m



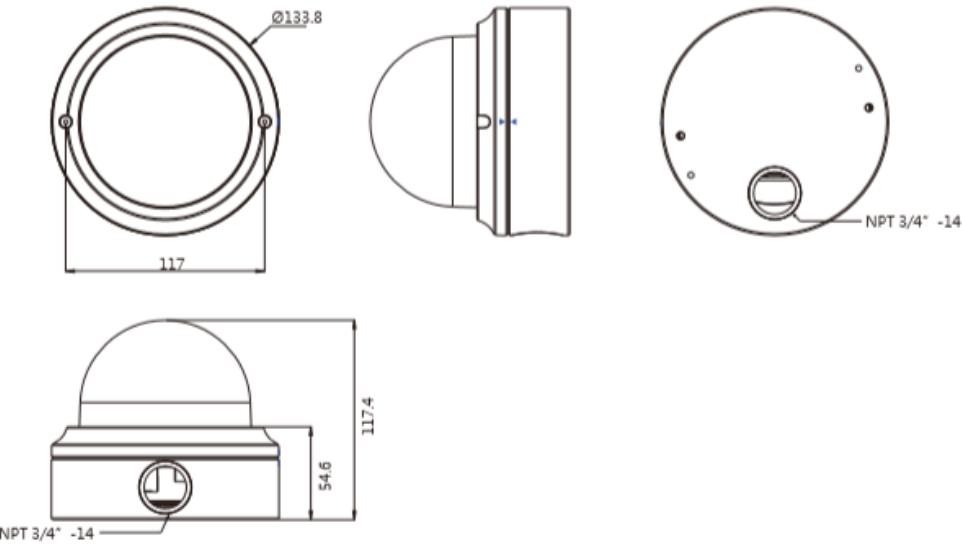
Support Quad
Streams

Specifications

Camera		
Day/Night	Automatically removable IR-cut filter	
Shutter Time	1~1/10K s	
HDR	Yes	
EIS	N/A	
Noise Reduction	3D Motion Compensated Noise Reduction (MCTF)	
Image Settings	Color, Brightness, Sharpness, Contrast White Balance, Exposure Control 2DNR, 3DNR, NR by Motion Masking, Text Overlay	
Corridor Mode	90°, 180°, 270° rotation	
Image		
Image Sensor	1/1.8" Progressive CMOS	
Effective pixels	HxV = 3864x2180 (4K)	
Pixel size	2.0 μm	
Lens	f =3.6 mm (wide) to 11 mm (tele), F1.5	
FOV	Horizontal: 115° (wide), 47.5° (tele)	Vertical: 61.2° (wide), 27° (tele)
Min. Illumination	Color: 0.04Lux	
	B/W: 0.002Lux	
Frame Rate (Maximum)	H265: HDR 4K @30fps + d1 @30fps, HDR 6M @30fps + 720p @30fps	
	H264: HDR 4K @30fps + 720p @30fps, HDR 6M @30fps + 720p @30fps	
	MJPEG: 1080p @30fps	
Compression Standard		
Video Compression	H.265/H.264/MJPEG	
Video Streaming	Up to 4 individually configurable streams in H.265/H.264/MJPEG Configurable resolution/frame rate/bandwidth LBR/VBR/CBR in H.265/H.264	
Audio Compression	G.711/G.726/AAC/LPCM	
Audio Streaming	2 way	
Network		
Security	User Authentication/HTTPS/IP Filter/IEEE 802.1x	
Supported Protocols	ARP, PPPoE, IPv4/v6, ICMP, IGMP, QoS, TCP, UDP, DHCP, UPnP, SNMP, SMTP, RTP, RTSP, HTTP, HTTPS, FTP, NTP, DDNS	
ONVIF	Profile S/G/Q/T conformant	
Advanced		
Analytics	Motion detection, Tampering, Audio detection	
Alarm Triggers	External Input, Analytics, Network Failure Detection, Periodical Event, Manual Trigger	
Alarm Actions	External output Activation, Video and audio recording to edge storage, File Upload: FTP, network share and email Notification: HTTP, FTP, Email	
Interface		
Audio Input	1-ch in (Line in)	
Audio Output	1-ch in (Line out)	
Ethernet	1-ch RJ45 1Gbps Ethernet	
Alarm Input / Output	1-ch / 1-ch	
Power Terminal Block	DC12V, AC24V	
On-board Storage	MicroSD Card Slot	
Video Output	CVBS	

General	
Operating Conditions	-30°C ~ 60°C without heater -55°C ~ 60°C with heater 10%~90%, No Condensation
Storage Condition	-20°C ~ 70°C
Power Supply & Power Consumption	PoE IEEE802.3af, class 0, max 12.30 watt DC12V, max 13.20 watt AC24V, max 11.99 watt, max 21.01 VA
IR Distance	40m
Impact Protection	IK10
Ingress Protection	IP66
Storage	Support for microSD/microSDHC/microSDXC card Support for recording to NAS
Dimensions	Ø133.8x117.4 mm
Weight	760g
Accessories (Optional)	
WBADR	Wall Mount Bracket

Outline Dimensions



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