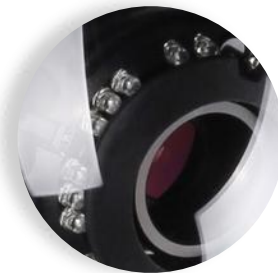




# QIP-20310-DS-IR20-AF

2.0MP, 3.0~10.5mm AFL, IR IP Dome Camera

- 2.0MP (FullHD)
- Auto Focus
- WDR, POE
- 20m IR, IP 66
- Anti-Vandal

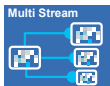


## Features :



### **Real-time High Definition Dome Camera**

Using the state of art video compression engine, real time HD video streams of 1080p can be delivered for recording and monitoring



### **Triple codec, Simultaneous Multi Streaming**

Triple H/W codec enables to transmit max 3 independent streams with different settings for different requirements. Therefore, it is possible to combine seamless remote video monitoring using H.264 with simultaneous transmission of high quality MPEG-4 to Network Video Recorder. Also, additional MJPEG can be delivered for Mobile devices such as Smart Phone or PDA.



### **Local SD Card Backup**

Some important sequence of still images can be stored in the SDHC memory card. This action can be configured to work with pre-post- alarm event or a given interval.



### **Day & Night by ICR**

For increased sensitivity of image sensor efficiently, a mechanical actuator can shift infrared (IR) Cut filter to disengaged from image path automatically in the low light environment.



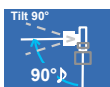
### **POE**

Built-in Power over Ethernet (IEEE 802.3af) makes installation easier, economical and more secure since Power over Ethernet can take advantage of UPS (uninterrupted power supply), which provides back-up power in case of a power failure.



### **Bidirectional Audio**

PID series provides two-way audio support. This enables remote users not only to view, but also to listen in on an area and communicate orders or requests to visitors or intruders.



### **90° Tilting**

The 3 axis mechanism and sophisticated bubble dome design support wider tilting angle up 90 degrees. For various applications, this provides more choices and options in installation. Carbonate clear dome enables stable 24hours security tasks.



# QIP-20310-DS-IR20-AF

2.0MP, 3.0~10.5mm AFL, IR IP Dome Camera

## Camera Specifications :

Model		QIP-20310-DS-IR20-AF	
Camera	Image Device	1/2.8" 2.0 Progressive Scan CMOS	
	Total Pixels	2000(H) x 1241 (V)	
	Aspect Ratio	HD: 16:9 SD: 4:3	
	Focal Length	Motorized DC Varifocal 3.0 ~ 10.5 mm F1.2	
	MIN. Luminance	COLOR : 0.1Lux @ F1.2, 30IRE / B/W : 0.01Lux @ F1.2, 30IRE 0.0 Lux (IR LED ON) / 42pcs IR LED	
	IR Range	20 ~25m	
	S/N Ratio	50dB or More	
	Day & Night	Auto / Day/ Night (ICR)	
	Shutter Speed	1/25~1/120sec	
	AGC	Normal, High	
	White Balance	AUTO/PRESET/MANUAL	
	WDR/BLC	OFF/WDR/BLC	
	DNR	OFF/MID/HIGH	
	DSS	OFF, x2, x3, x4	
	Image setting	Brightness, Sharpness	
Other Functions	Image Flip, Mirror/ACE, Privacy masking		
Network	OS	Embedded Linux	
	Video Compression	Triple Codec, H.264/ MPEG4 / MJPEG	
	Video Streaming	Multi Streaming CBR/VBR (Controllable frame rate and Bandwidth)	
	Resolution	All Codec : 1080P/720P/D1/CIF QCIF (MJPEG mode only)	
	Frame Rate	Max. 30 /25 fps for 1080P/ 720P/D1/CIF/QCIF	
	Audio Compression	Two way, G.711 PCM, $\mu$ -law 64kbps 8kHz	
	Local Storage	SDHC memory card (card not included)	
	Motion detection	Notification: FTP, e-mail, Alarm out, JPEG Recording on SD	
	Alarm	Pre-Pos Alarm	
	Max number of Clients	5	
	Protocols Support	IPv4	ONVIF, TCP/IP, UDP/IP, RTP(UDP), RTSP, NTP, HTTP,HTTPS, SSL, DNS, DDNS, DHCP, FTP, SMTP, ICMP, SNMPv1/v2c/v3(MIB-2)
		IPv6	TCP/IP, HTTP, HTTPS, DHCP
DDNS		Propriety: NET4C (DDNS), Public DDNS services Support: www.dyndns.com, www.no-ip.com	
Security		HTTPS(SSL), Digest Authentication (ID/PW)	
OS Supported	Windows 7, Vista, XP, 2000		
General	Sensor In/Out	Built-in 1 Input/ 1 Output	
	Video Out	BNC: VBS 1.0 Vp-p	
	Power	DC 12V 7.5W / POE IEEE 802.3af	
	Approvals	FCC, CE, ROHS, IP66	
	Housing	ABS Plastics with Polycarbonate	
	Dimension	Net ( $\varnothing$ x H): $\varnothing$ 120 x 100.8(H) mm	
	Weight	300g	
	Operating Temp.	-10°C ~ +50°C	