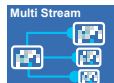# QIP-10210-DO
1.0MP, IP Dome Camera

Real-time High Definition Dome Camera
Using the state of art video compression engine, real time HD video streams of 720p 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.
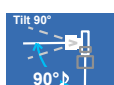
POE
Built-in Power over Ethernet (IEEE 802.3af) makes installation easier, economical and more secure since Power over Ethernet can take advantage of UPS (uninterrupted power supply), which provides back-up power in case of a power failure.

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.

Specifications

Model	QIP-10210-DO
Camera	
Image Device	1/4" Omni Vision 1.0M Progressive Scan CMOS
Effective Pixels	1280(H) x 800 (V)
Aspect Ratio	HD: 16:9 SD: 4:3
Focal Length	DC Vari-focal 2.8-10mm, F1.2
Horizontal angle	96.2°(W) ~ 28.3°(T)
MIN. Luminance	COLOR : 0.2Lux @ F1.2
	B/W : 0.03Lux @ F1.2
Day & Night	Auto / Day / Night(ICR)
Shutter Speed	1/7.5~1/100000 sec
AGC	Auto/ Mamual
White Balance	AUTO / Indoor / Outdoor
BLC	OFF / MIN / MID / MAX
Image setting	Brightness, Sharpness, Contrast, Saturation
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 : 720P/D1/CIF
	QCIF (MJPEG mode only)
Frame Rate	Max. 30 /25 fps for 720P/D1/CIF/QCIF
Audio Compression	Two way, G.711 PCM. µ-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)
Protocols Support — IPv6	TCP/IP, HTTP, HTTPS, DHCP
Protocols Support — DDNS	Proprietry: NET4C (DDNS), Public DDNS services Suport: www.dyndns.com, www.no-ip.com
Protocols Support — Security	HTTPS(SSL), Digest Authentication (ID/PW)
OS Supported	Windows 7, Vista, XP, 2000
General	
Camera Posture	3 Axis (Pan/Tilt/Rotation)
Sensor In/Out	Built-in 1 Input/ 1 Output
Video Out	BNC: VBS 1.0 Vp-p
Power	DC 12V , 6W
	POE IEEE 802.3af
Approvals	FCC, CE, ROHS
Housing	Color: White
Material	Clear Bubble: Polycarbonate
Dimension	Net ⌀×H): ⌀100 x 60(H) mm
Weight	600g
Operating Temp.	-10~50℃