



QIP-20020-SDS

2.0 Mega Pixel, 20x zoom, IP Outdoor PTZ Camera

- 2.0 Mega Pixel
- PTZ Camera
- 20x Zoom
- Auto Map

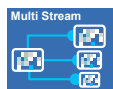


Features :



Real-time High Definition Dome Camera

Using the state of art video compression engine, real time HD video streams of 1080 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 Smart Phones 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.



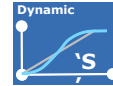
POE

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.



Auto Map Generation

Auto generates an e-map of the site as per its 360° physical view. Fix presets, create Pattern, Scan, Mask, Power Zoom quickly on this Auto Map. A very Unique feature.



Auto Map: Fix Presets, Create Pattern, Scan, Mask, Power Zoom

- 240x Zoom Control (Optical 20x, Digital 12x)
- 5.7" Bubble dome enclosure
- Endless 360° Pan Rotation
- Lightning Speed (MAX. 360°/sec) & Smooth Manual Speed (MIN. 0.05°/sec)
- Ultra low vibration due to S-curved acceleration & deceleration
- Day & Night (ICR)
- 1024 Preset Positions with Alphanumeric Labels
- 8 Pattern, 8 Scan & 8 Group (20 entry max)
- Auto Flip, Power-up Action
- Built-in 2 Sensor Inputs and 1 Relay Output
- IP66 environment protection, built-in Fan & Heater
- Vandal-Proof (Dome Cover : PC / Housing & Accessories : AL Die-cast)



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Camera Specifications :

Model		QIP-20020-SDS
Camera	Image Device	1/2.8" Sony 2 Megapixel CMOS
	Effective Pixels	Approx. 2.0 Mega pixels
	Aspect Ratio	HD: 16:9 SD: 4:3
	Zoom	20x Optical Zoom and 12x Digital Zoom
	Focal Length	f = 4.7 ~ 94.0 mm, F1.6 ~ F3.5
	Horizontal angle	55.4°(W) ~ 2.9 °(T)
	MIN. Illuminance	Color: 1.7 Lux @ F1.6, 50 IRE, High Sensitivity Mode : 0.5 Lux @ F1.6 50 IRE B/W: 0.3 Lux @ F1.6 50 IRE High Sensitivity Mode : 0.095 Lux @ F1.6 50 IRE
	Day & Night	Auto / Day / Night (ICR)
	Focus	Full Auto/ Semi Auto /Manual(Near Limit Setting)
	Shutter Speed	1 ~ 1/10000 sec(22 Step)
	AGC	Auto/Manual(Max Gain Limit)
	White Balance	Auto / ATW / Manual /Indoor/Outdoor/One-push
	WDR	AUTO/Manual
	Other functions	Image Flip, Power-Up Action
Pan/Tilt	Range	Pan : 360°(Endless) Tilt : 90°
	Pan/Tilt Speed	Preset : 400°/ sec Manual : 0.05°~ 400°/ sec (Zoom Proportional) Scan : 1°~ 360°/ sec
	Preset	128 Presets with Labels / Independent Camera Setup
	Pattern	8 Patterns
	Scan	8 Scans
	Group	8 Groups (MAX. 20 Entries for Each Group)
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
IPv6		TCP/IP, HTTP, HTTPS, DHCP
DDNS		Proprietary: NET4C (DDNS), Public DDNS services Support: www.dyndns.com, www.no-ip.com
Security		HTTPS(SSL),Digest Authentication (ID/PW)
ONVIF		Yes
OS Supported	Windows 7, Vista, XP, 2000	
General	Sensor In/Out	Built-in 2 Input/ 1 Output
	Video Out	BNC: VBS 1.0 Vp-p AC 24V
	Power	Heater Off : 23W
		Heater On : 55W
		High-PoE IEEE 802.3at
	Approvals	FCC, CE, IP66, ROHS
	Housing	Weather proof / Vandal Proof Structure Color: White Pearl
	Material	Body: Aluminum Die-casting Clear Bubble: Polycarbonate
	Dimension	Net (Ø×H): Ø259 x 265.7(H) mm
	Weight	Net: 6 Kg, Package: 10.9 Kg
	Operating Temp.	-40°C ~ +50°C / -40°F ~ +122°F