

22X IP66 Low-light PTZ Camera

A-QMD-3122-P

22x . IP-66 . low-light . 360° + 180° . fan & heater

Feature List

- IP-66 weather- resistant housing for outdoor
- Sony super-HAD CCD; 480-line High resolution
- Optical zoom (22x) + 10-time digital zoom
- Pan 360°(continuous); Tilt 90° + auto-rotation
- Speed up to 300°
- Slow shutter (frame integration) for low-light
- Pelco™ D/P compatible, work with most keyboard / DVR
- 64presets + 128 camera ID
- Auto-run + Line-scan
- Three alarm-in + one alarm-out
- Pendant and wall + corner and pole mounting brackets



Feature description

QMD-3122 is nice-looking and compact-size PTZ pre-integrated in outdoor housing. Even though rated as the basic model compared to the rest in QMD line, the QMD-3122 is equipped with adequate functions, such as DSS (low-light), 22x optical zoom, auto-run... for general and high quality surveillance

indoor and outdoor

Although the QMD-3122 is built with housing, this PTZ can be used for both of indoor and outdoor surveillance --- not only because of the housing, which has fan and heater for crucial outdoor environment, but also the rich functions provided by camera for different requirements between indoor and outdoor. Furthermore, the housing is supported by corner and pole mount bracket (pictures are in next page).

high speed . 360° + 180°

Moving speed of QMD-3122 is ranged from 0.25 to 300° / sec, which is decided by user through controller (such as keyboard, DVR or video server).

The QMD-3122 moves continuously in horizontal direction, clockwise or counter-clockwise. For vertical, it has 90° scan range but lens will automatically rotate 180° horizontally and continue the moving in vertical when hitting the edge, therefore provides 180° surveillance range on vertical side.

The 360°+180° scan ranges, plus the high speed, gives QMD-3122 series the power of grabbing target in less than 1 second, in all directions.

22x optical zoom

QMD-3122 provides 22-time optical zoom and 10 times of digital. Focal length starts with 3.9mm, giving surveillance manager the wide and non-distorted range for view, while with the ability of watching specific target with the fast moving 22x zoom function.

The self-calibrating function that is built in the camera will Realign the SSD-7961 periodically and automatically, ensuring the PTZ camera will run smoothly and correctly during its journey of work.

high resolution . low-light

QMD-3122 PTZ camera uses Sony super-HAD CCD and provides 480-line high resolution image in detail and vivid color.

In the condition of ambient light too low for camera to take normal picture, DSS (digital slow shutter) is available in OSD menu to produce bright-enough image by accumulating two or more frames to make one picture. The DSS function will be disengaged when light is enough to retrieve normal shutter speed.

auto-run . line-scan

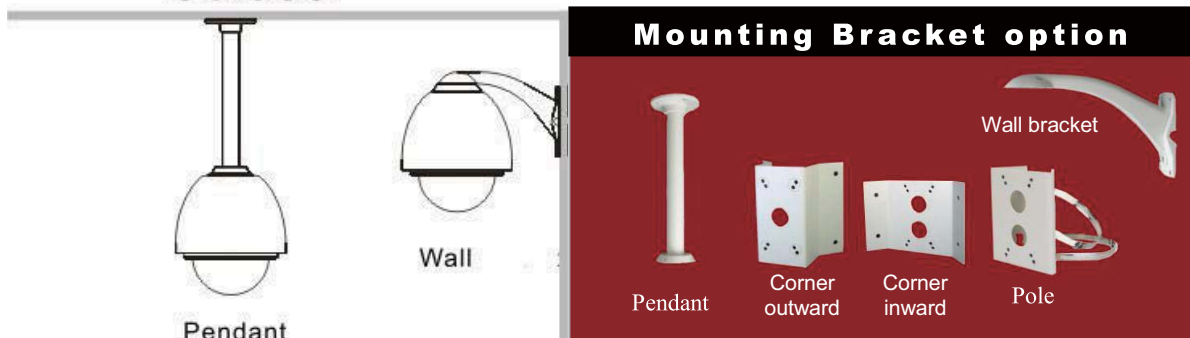
QMD-3122 has internal memory for 64 presets (including zoom and focus) for surveillance, and 128 numbers for camera ID

Presets are programmable for auto-run or line-scan. The first 16 of the total 64 presets in memory array is automatically and equally partitioned into 4 groups for making surveillance to different positions or routes in different time periods (example: day, night or holiday). Panning between two specific points, in alternative name of line-scan, is also available in this PTZ.

During the event time, auto-run will be activated automatically to observe the areas that are pre-defined for monitoring.

Function		spec		
Image sensor	Type	1/4-inch, Sony super-HAD CCD		
	pixel	410K / 470K		
	scanning	525 / 60 (NTSC) , 625 / 50 (PAL)		
	Electronic shutter	1/60 (50) ~ 1/10,000 / sec (8 steps)		
video	resolution	480 lines		
	S/N ratio	> 48 dB		
	output level	1.0 Vp-p (75 ohms)		
optics and lens	zoom (optical / digital)	22x / 10x		
	iris	wide / tele		
	focal-length	F1.6 ~ 3.8		
	Minimum luminance	Color	f 3.9 ~ 85.8 mm	
		Black / white	1 lux (F=1.6)	
	IR-Cut Removal (ICR)	0.1 lux (F=1.6, slow-shutter OFF)		
	Zoom	0.01 lux (F=1.6, slow-shutter ON)		
	Focus	auto / manual		
	Iris	manual		
	slow shutter / frame integration	auto / manual		
	White balance	2x, 4x, 8x, 10x, 12x, 16x, 24x, 32x, 64x, 128x		
pan & tilt	pan range	auto (ATW or AWB) / manual		
	tilt range	360° continuous		
	speed	Horizontal	0 ~90° +auto-rotation	
		Vertical	0.25 ~ 300° / sec	
	between presets	0.5 ~ 240° / sec		
	dwell	horizontal / vertical		
	Preset	300° / 240°		
	auto-run	Second		
	auto-pan speed	1 to 255		
		64		
	all, group or two-spots (line-scan)			
connectivity	Video	2, 6, 12, 30, 60, 120° / second		
	Power	2, 6, 12, 30, 60, 120° / second		
	RS485	BNC		
	Alarm I/O	Terminal block (input x 3 / output x 1)		
communication	Protocol	Terminal block		
	Format	Terminal block		
	baud rate	Terminal block (input x 3 / output x 1)		
	camera ID	Pelco™ D and P		
measurement	diameter x height	RS485		
	weight	2400, 4800, 9600		
power	voltage	128		
	consumption	150Φ / 262 mm		
environment	temperature	mm	4200	
		gram	24V	
	humidity	Operation	Watts	40W
		Storage	Operation	-10°C ~ 60°C
	Storage	Storage	-20°C ~ 60°C	
		Operation	85% RH	
		Storage	85% RH	

Outdoor



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