

23X IP66 PTZ Camera

A-QMD-3223-P

23x . IP-66 . ICR . low-noise . 360° +180° . fan & heater

Feature List

- IP-66 weather-resistant housing for outdoor
- Sony super-HAD CCD; 480-line High resolution
- Optical zoom (23x) + 10-time digital zoom
- Pan 360°(continuous); Tilt 90° + auto-rotation
- Speed up to 300°
- Slow shutter (frame integration) for low-light
- ICR (IR-cut Removal) for day-n-night surveillance
- Pelco™ D/P compatible, work with most keyboard / DVR
- 64presets + 128 camera ID
- Auto-run + Line-scan
- 3 alarm-in + one alarm-out
 - Pendant and wall + corner and pole mounting brackets



Feature description

QMD-3223 is nice-looking and compact-size PTZ pre-integrated in outdoor housing, and provides extra cost-performance value with abundant PT and camera functions, such as ICR, low-noise, 23x optical zoom, flexibility for indoor and outdoor ...

indoor and outdoor

Although the QMD-3223 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-3223 is ranged from 0.25 to 300°/ sec, which is decided by user through controller (such as keyboard, DVR or video server).

The QMD-3223 rotates continuously in horizontal direction, clockwise or counter-clockwise. For vertical direction, it moves 90° mechanically but will rotate automatically for both horizontal and vertical when hitting the edge, therefore may provide 180-degree view-range along to vertical axis..

The 360°+180° view ranges, plus the high speed, gives QMD-3223 series the power to grab target in short time.

auto-run . line-scan

QMD-3223 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 total 64 presets 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.

23x optical zoom

QMD-3223 provides 23-time optical zoom and 10 times of digital. Focal length starts with 3.6mm, giving surveillance manager the wide and non-distorted range for view, while with the ability of watching specific target with the fast moving 23x zoom function. The self-calibrating function that is built in the camera will re-align the SSD-6981 periodically and automatically, ensuring the PTZ camera will run smoothly and correctly during its journey of work.

low noise

The QMD-3223 camera has high signal-to-noise ratio over than 50dB, allowing the camera to deliver clear image.

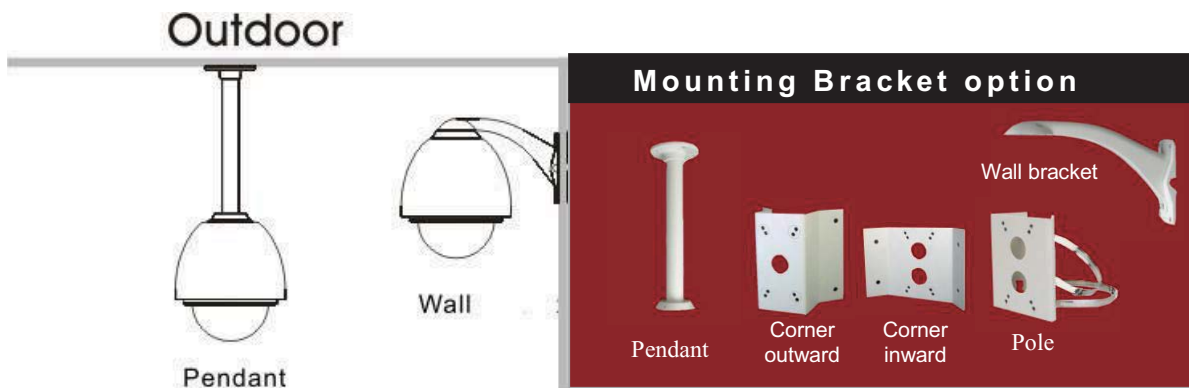
Video noise appeared in low-light is the primary killer to DVR performance, in terms of recorded image quality and HDD space. The low-noise image provided QMD-3223 not only makes great improvement on image clarity but also saves DVR's recording space, so that the overall efficiency and dependability of surveillance system will be significantly increased.

high resolution . day-n-night

QMD-3223 PTZ camera uses Sony super-HAD CCD and provides 480-line high resolution image in detail and vivid color. Its lens has a built-in and removable IR-cut filter which will alter the position during low-light condition, to allow reflected infra-red light generated by separated IR illuminator to pass onto CCD -- to produce clear image in black-white.

Should no IR source is supplied in dark, the slow shutter, a function available in OSD menu, will do great help in producing bright-enough image by accumulating 2 or more frames to make one picture. The DSS function will be disengaged when light is enough for keeping normal shutter speed.

function		spec	
Image sensor	type	1/4-inch, Sony Super HAD	
	pixel	410K / 470K	
	scanning	NTSC / PAL	
	Electronic shutter	lines / fields	
video	resolution	525 / 60 (NTSC) , 625 / 50 (PAL)	
	S/N ratio	480 lines	
	output level	> 50 dB	
optics and lens	zoom (optical / digital)	1.0 Vp-p (75 ohms)	
	iris	23x / 10x	
	focal-length	F1.6 ~ 3.8	
	Minimum luminance	color	f 3.6 ~ 82.8 mm
		Black / white	0.5 lux (F=1.6)
	IR-Cut Removal (ICR)	0.1 lux (F=1.6, B/W, ICR off)	
	zoom	0.01 lux (F=1.6, sensex64; ICR off)	
	focus	0 lux --- with IR source 及 ICR ON	
	iris	auto / manual	
	slow shutter / frame integration	manual	
	White balance	auto / manual	
	pan & tilt	pan range	2x, 4x, 6x, 8x, 12x, 16x, 32x, 64x
tilt range		auto (ATW or AWB) / manual	
speed		horizontal	360° continuous
		vertical	0 ~ 90°+ auto-rotation (view range: 180°)
between presets		0.25 ~ 300° / sec	
dwel		0.5 ~ 240° / sec	
preset		300° / 240°	
auto-run		1 to 255	
auto-pan speed		horizontal	64
		vertical	all, group or two-spots (line-scan)
connectivity	Video	BNC	
	Power	Terminal Block	
	RS485	Terminal Block	
	Alarm I/O	Terminal Block (input x 3 / output x 1)	
communication	protocol	Pelco D , Pelco P	
	format	RS485	
	baud rate	2400, 4800, 9600	
	camera ID	128	
measurement	diameter x height	150 φ x 262 mm	
	weight	4000 g	
power	voltage	V	
	Consumption	watts	
environment	water-resistant	AC24V	
	temperature	operation	40 W
		storage	IP-66
	humidity	operation	-10°C ~ 60°C
storage		-20°C ~ 60°C	
humidity	operation	85% RH	
	storage	85% RH	



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