

AFFORDABLE OUTDOOR PTZ CAMERA SOLUTION

PTZ SIZE COMPARISON

PT 9637
(FULL SIZE PTZ)



680 NIGHT TVL
0.02 NIGHT LUX

x396 Total Zoom

- **Samsung Camera Module**
- **Privacy Mask**
- **EIS : Electronic Image Stabilization**
- **HLC : HighLight Compensation**
- **Design for Outdoor (weather & Vandal Resistant)**
- **x33 Optical x12 Digital**
- **Day & Night (ICR)**
- **Built-in Heater & Blower**

PT 8633A-C x396 Total Zoom / 680 (N) TVL / 0.02 Lux / Privacy Mask / HLC / EIS / SSNR / Day & Night / Outdoor use / Heater & Blower / AC 24V / Ceiling Type

PT 8633A-W x396 Total Zoom / 680 (N) TVL / 0.02 Lux / Privacy Mask / HLC / EIS / SSNR / Day & Night / Outdoor use / Heater & Blower / AC 24V / Wall Type

The PT 8633A is an industrial quality PTZ camera is perfect for high security loss prevention operations. The advanced Day & Night Super HAD chipset produces beautiful video on your screen at high resolution of 550 lines. It also features Day and Night function which shows great detail video even at low light environment such as parking lots. Pelco control protocols are fully integrated which means it is completely compatible with any DVR systems that support Pelco D protocol. Using with PTC 3000 joystick controller, it can be controlled independently from the DVR. PT 8633A is one of the perfect outdoor PTZ solution because of following reasons. Sturdy weatherproof housing protects camera from harsh weather condition. And inside of the case there is heater and blower to prevent fogging up on front protective cover. Also supports 127 presets so you can move to a spot quickly with only a push of button from the joystick controller. The mount for PT 8633A is available with a choice of either ceiling or wall. The camera operates on AC 24V.

CAMERA SPECIFICATIONS

- 1/4" SONY Super HAD CCD
- Zoom Magnification: x33 Optical Zoom, x12 Digital Zoom (Max x396 Zoom)
- Day & Night / Privacy Mask / HLC Function
- Various Focus Mode: Auto-Focus / Manual Focus / Semi-Auto Focus.
- Various Setup Options in OSD Menu

ADVANCE PAN/TILT FUNCTIONS

- Max. 360°/sec high speed Pan/Tilt Motion
- Using Vector Drive Technology, Pan/Tilt motions are accomplished in a shortest path. As a result, time to target view is reduced dramatically and the video on the monitor is very natural to watch.
- The ultra slow speed of 0.05°/sec. can be reached by using the jogging operation. It is very easy to locate the camera to desired target.

PRESET / PATTERN / SWING / GROUP / PRIVACY MASK AND MORE

- MAX. 127 Presets are assignable and characteristics of each preset can be set up independently, such as White Balance, Auto Exposure, Label, Digital Outputs and so on.
- Max. 8 set of Swing action can be stored. This enables to move camera repetitively between two preset positions with designated speed.
- Max. 4 of Patterns can be recorded and played back. This enables to move camera to follow any trajectory operated by joystick as closely as possible.
- Max. 8 set of Group set of action can be stored. This enables to move camera repetitively with combination of Preset or Pattern or Swing. A Group is composed of maximum 20 entities of Preset / Pattern / Swings.
- Privacy Masks are assignable, not to intrude on other's privacy. (8 Privacy Zones) The availability for Privacy Mask function should be different by models.

PTZ (PAN/TILT/ZOOM) CONTROL

- With RS-485 communication, maximum 255 of cameras can be controlled at the same time.
- Pelco-D or Pelco-P protocol can be selected as a control protocol in the current version of firmware.

OSD (ON SCREEN DISPLAY) MENU

- OSD menu is provided to display the status of camera and to configure the functions interactively.
- The information such as Camera ID, Pan/Tilt Angle, Alarm I/O and Preset can be displayed on screen.

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Ceiling Type



Wall Type

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0.02 NIGHT LUX

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ALARM I/O FUNCTIONS

- 3 alarm sensor inputs and 1 alarm Output relays are available.
- To reject external electric noise and shock perfectly, alarm sensor Input is decoupled with photo coupler and the relay is used for alarm output.
- The signal range of sensor input is from DC 5.0 to 12.0 volts to adopt various applications.
- If an external sensor is activated, camera can be set to move to the corresponding Preset position. Meanwhile, the output relay can be matched to some specific Preset positions to do counteractions such as turning on the light or sound the alarm.

EASY INSTALLATION AND PERFECT OUTDOOR ENVIRONMENT COMPATIBILITY

- Fans and heaters are built-in in camera for cold and hot temperature environment. Also idealistic mechanical design protects camera from water and dust. (IP 66 when installed properly with wall mount bracket only)
- It is easy to install and maintain camera with terminal for cable connection in brackets.

		PT 8633A
Camera	CCD	1/4" Sony Super HAD CCD
	Max. Pixels	811(H) x 508(V) 410K
	Effective Pixels	768(H) x 494(V) 380K
	Horizontal Res.	550 TV Line (Color) / 680 TV Line (B/W)
	S/N Ratio	50dB (AGC Off)
	Zoom	x33 Optical Zoom, x12 Digital Zoom
	Focal Length	F1.6 ~ 3.6, f=3.5(Wide) ~ 115.5(Tele)mm
	Min. Illumination	0.4 Lux / F1.6 (Day) / 0.02 Lux/ F1.6 (Night), 50 IRE
	Day & Night	Auto / Day / Night (IR Cut Filter)
	Focus	Auto / Manual / SemiAuto
	AE Mode	Auto / Iris / Shutter / Manual
	White Balance	Auto / Manual (Red, Blue, Gain Adjustable)
	BLC	BLC / HLC / Off
	Flickerless	On / Off
	SSNR	Low / Middle / High / Off
	Privacy Zone	8 Masks , Spherical Coordinate
	Stabilization	On / Off
Pan / Tilt	Range	Pan : 360°(Endless) / Tilt : 95°
	Pan / Tilt Speed	Preset : 360°/sec
		Manual : 0.05° ~ 360°/sec (Proportional to zoom)
		Swing : 1° ~ 180°/sec
	Preset	127 Preset (Label, Camera Image Setting)
	Pattern	4 Pattern, 1200 commands(about 5 minutes) / Pattern
	Swing	8 Swing
	Group	8 Group (20 action entities per Group)
Other Functions	Auto Flip, Auto Parking, Power Up Action etc.	
General	Communication	RS-485
	Protocol	Pelco-D, Pelco-P selectable
	Sensor Input	3 Inputs, Photo-Coupler Type, DC 5V~12V
	Alarm Output	1 Output, Replay Output, MAX. Load DC24V 1A / AC125V 0.5A
	OSD	Menu / PTZ information etc.
	Power	AC Type : AC 24V / 1.5A
	Dimension	Dome : 5.9 in(Ø)
		Housing : 11.6 in x 10.88 in(H)
	Weight	Approx. 8.4 lbs
	Operating Temp.	-30°C ~ 50°C (-22°F~ 122°F)

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