

SMALL SIZE PTZ CAMERA

PTZ SIZE COMPARISON

PT 8637
(FULL SIZE PTZ)

PT 950
(SMALL SIZE PTZ)

570 NIGHT TVL
0.02 NIGHT LUX

×100 Total Zoom

- SMALL SIZE / FULL FEATURED PTZ
- VANDAL-RESISTANT CASE
- DAY & NIGHT
- ×100 ZOOM (×10 OPTICAL, ×10 DIGITAL)
- 127 PRESETS / AUTO FLIP
- PATTERN / SWING / GROUP / PRIVACY MASK

PT 950 ×100 Total Zoom / 500 TVL / Auto-Flip / DC 12V

The PT 950 is a very special PTZ camera because of its size. 6 inches in diameter and 5.5 inches in height make PT 950 as small as a regular dome camera. People won't think it is a user controllable camera. But, don't let the size fool you. This small PTZ comes with about same or even better features that you will find on regular size PTZ camera, such as, 360° endless panning, 127 presets, group and pattern feature, Day and Night and more. Pelco control protocol is fully integrated which means it is completely compatible with any DVR systems that supports Pelco D protocol. Using the PTC TP 3000 joystick controller, it can be controlled independently from the DVR system. Another nice feature is nearly that the indestructible metal housing and poly-carbonated cover which protects the camera module from getting damaged. Also, the razor sharp 500 TV lines of resolution provides a rich color picture. The 100 times zoom lens shows every detail of an object you would like to see from a distance.

AUTO FLIP

In case that tilt angle arrives at the top of tilt orbit (90°), zoom module camera keep moving to opposite tilt direction (180°) to keep tracing targets. As soon as zoom module camera passes through the top of tilt direction (90°), images should be reversed automatically. Tilt movement range is 0°~95°

CAMERA SPECIFICATIONS

- CCD Sensor : 1/4" Interline Transfer CCD
- Zoom Magnification : ×10 Optical Zoom, ×10 Digital Zoom (combine ×100 Zoom)
- Day & Night Function
- Various Focus Mode : Auto-Focus / Manual Focus / Semi-Auto Focus
- Independent & Simultaneous Camera Characteristic Setup in Preset operation

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 and so on.
- Max. 8 set of Swing action can be stored. This enables to move camera



Ceiling Mount



Wall Mount



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 action can be stored. This enables to move camera repetitively with combination of preset or Pattern or Swing. A Group is composed of max. 20 entities of Preset/Pattern/Swings.
- Privacy Masks are assignable, not to intrude on other's privacy. (4 Privacy Zones)

PTZ (PAN/TILT/ZOOM) CONTROL

- With RS-485 communication, max. of 255 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)

- OSD Menu is provided to display the status of the cameras and to configure the functions interactively.
- The information such as ID, Pan/Tilt Angle, Alarm Input and Preset can be displayed on screen.

ALARM I/O FUNCTIONS

- 4 alarm sensor Inputs are available.
- To reject external electric noise and shock perfectly, alarm sensor Input is decoupled with photo coupler.
- The signal range of sensor input is from DC 5.0 to 12.0 volts to adapt to various applications.
- If an external sensor is activated, the camera can be set to move to the corresponding Preset position.

RESERVED PRESETS FOR SPECIAL PURPOSE

- Most camera characteristics can be set up easily and directly with reserved preset, not entering into OSD menu. For more information, refer to "Reserved Preset" in this manual.

		PT 950
Camera	CCD	1/4" Interline Transfer CCD
	Max. Pixels	811(H) x 508(V) 410K
	Effective Pixels	768(H) x 494(V) 380K
	Horizontal Resolution	500 TV Line(Color) 570 TV Line(B/W)
	S/N Ratio	50 dB (AGC Off)
	Zoom	x10 Optical Zoom x10 Digital Zoom
	Focal Length	F1.8, f=3.8~38mm
	Min. Illumination	0.7 Lux (Color) / 0.02 Lux (B/W), 50 IRE
	Day & Night	Auto / Day / Night (ICR)
	Focus	Auto / Manual / SemiAuto
	Iris	Auto / Manual
	Shutter Speed	x128 ~ 1/120,00 sec.
	AGC	Normal / High / Off
	White Balance	Auto / Manual (Red, Blue, Gain Adjustable)
	BLC	Low / Middle / High / Off
	Flickerless	Selectable
	SSNR	Low / Middle / High / Off
Pan / Tilt	Range	Pan : 360° (Endless) Tilt : 180°(Auto-Flip), 95° (Normal)
	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 minute) / Pattern
	Swing	8 Swing
	Group	8 Group (20 action entities per Group)
	Other Functions	Auto Flip, Auto Parking, Power Up Action etc.
	Communication	RS-485
General	Protocol	Pelco-D, Pelco-P selectable
	Privacy Zone	4 Zone
	Alarm Input	4 Input
	OSD	Menu / PTZ information etc
	Rated Power	DC Type : DC 12V / 2A
	Dimension	Dome : Ø4.53 in Housing : Ø5.8 in x 5.55(H) in
	Weight	Approx. 2.2 lbs
	Operating Temp.	32F ~ 104F(0~40°C)