Main features

Pan/Tilt：

- Step motor driving, providing accurate position and quick response ● Attractive appearance.
- Stable operation, without dithering and noises

Camera：

- Built in high definition integrated zoom camera
- BLC
- Day/Night image
- WDR
- Privacy zone masking function, supports up to 24 privacy zones
- High speed pre-set position image freezing function

Built in decoder：

- Multi protocol decoder: Pelco P/D
- Setting by software address or hardware address are both available
- Camera and pan/tilt settings can be done via built-in OSD menu
- Real time inside temperature checking
- Power off memory: the movement before power off can be memorize
- Power on self-restoring style-users can assign the dome movement after powering on.
- Change speed proportionally—pan/tilt speed declines proportionally with the increasing of zoom rate.
- On screen displays for pan/tilt orientation camera zoom information
- Data feedback for PTZ state
- Virtual home position
- With apple peel scan
- 2 patterns memory function
- 4 tours of pre-sets scan, dwell time can be set
- 255 preset positions, with precision error less than $\pm\,0.1^0$
- 5 channels timer auto-activate function, to run the pre-set movements
- Camera orientation display function (N, NE, E, SE, S, SW, W, NW total 8 orientation) ● With wiper and washer linkage.

Screen & menu:

- Built-in English OSD menu.
- Menu password protection function
- Users can set, call, delete pre-set positions, pre-set tours and privacy masking zone via menu
- Information like user's name, camera position, pre-set title, the internal temperature of the camera, PTZ orientation can be displayed on screen

Applications:

- Traffic Monitoring, City Centre Surveillance, Airports & Marine Environments, Heavy Commercial & Industrial etc.

plettac
Security UK Limited

Technical Specifications

Model	PL2000	PL2000-IR	PL2000-LS	PL2000-JL
Camera/Lens				
Image sensor	1/4" high quality SONY © EXVIEW HAD CCD			
Video signal	1.0±0.1VP-P(75Ω，compound)			
Zoom	36x, f=4.1-73.88mm, F1.4-3.0			
Angle	2.8°（far）--48°（near）			
Minimum illumination	0.01LUX			
White balance	Auto/Daylight/Cloudy/dark/fluorescent and other balance mode			
Focus	Auto/manual			
Iris	Auto/manual			
Shutter Speed	Auto			
Backlight compensation	ON/OFF			
S/N	>50dB			
Pan/Tilt				
Pan rotation	360^0			
Tilt rotation	120^0			
Pan control speed	0.1º-80º/sec			
Tilt control speed	0.1º-40º/sec			
Preset running speed	pan：80°/sec tilt：40°/sec			
Preset positions	255			
Input/output interfaces				
Compound video interface	BNC interface, Composite video 1Vp-p, 75Ω un-balanced			
Control signal interface	RS485 interface, RX＋(white) :485＋，RX－(blue): 485$^-$			
Control signal format	Start bit: 1 Data bit: 8 Stop bit: 1 Baud Rate：2400, 4800, 9600bps adjustable			
Power interface	Red / black: power supply			
Alarm Input Interface	N/A			
Aux output interface	1 relay Aux output			
Electrical index				
Power adapters	AC24V/2.7A			
Input voltage	24VAC			
Power consumption	30VA（PL2000）、50VA（PL2000-IR$^)$			
IR	N/M	IR LED lamps	IR Laser lamps	Sync focus laser lamps
Infrared range	N/M	100M	200m	250m
Angle	N/M	60°	16°	2-50°
Wavelength	N/M	850nm	808nm	808nm
IR lamps	N/M	2	2	1 laser, 1IR
voltage	N/M	DC12V (internal)	DC12V (internal)	DC12V, AC24V
Power consumption	N/M	12W	20W	18W
Dimension（L×W×H）	N/M	2 108X85nm	215×92×112mm	105*110*186mm (each)
Net weight	N/M	2*0.5kg	2*0.5kg	1.3kg
Structural				
Material	Aluminum Alloy			
Glass	5mm high intensity optical coated glass			
Weight	14KG(PL2000); 16KG(PL2000-IR)			
Color	Grey			
Dimension	Φ200x460 mm(PL2000) Φ388x460 mm(PL2000-IR)			
Package size	670mmx530mmx318 mm(PL2000), 638mmX468mmX482mm(PL2000-IR)			
Package material	Carton+ Pearl cotton			
Mounting brackets	Pedestal mount, Wall bracket (optional)			
Accessories	Manual(x1), Certification(x1), Bracket (Optional), Power Supply, pedestal bracket, Φ8X40 bolt(x4), Gloves(x1), hydrosphere(x1), 13 Allen key(x1)			
Environment				
Working temperature	-40ºC ～ +55ºC			
Storage Temperature	-10°~ 60°			
Working Humidity	20%~ 90%			
Storage Humidity	20%~ 80%			
Application	Outdoor, Indoor			
Transportation	Unlimited			
Grade of Protection	IP66(Outdoor), Built-in surge and lightning protection devices			
	Meets CE, FCC standards and has ROHS certification			
Wiper	yes			
Defroster	yes			