PSO-120N(P)

12X Mini Speed Doom Camera



- Effio-P DSP
- 960H(522,224 Pixels)
- 12X Optical Zoom
- 700TV Lines
- Support WDR

FEATURES

- 1/4" 613K pixels Sony Super HAD II (Double scan) CCD
- Progressive scan 522,224 pixel
- 12x Optical Zoom, Digital 32x zoom
- High Resolution 700 TV lines - HR 7 mode
- Day & Night (ICR)
- Wide Dynamic Range(512x)
- Digital Noise Reduction(2D+3D)
- Privacy Mask Function
- On Screen Display
- Automatic Temperature Display
- Intelligent motion detection
- Image Stabilizer
- High Light Compensation (HLC) Function
- 360˚Endless Panning and 0˚~180˚Tilt angle (Digital Flip)
- 255 Presets, 8 Tours, 8 Scans, 4 Patterns, Autoscan
- Easy Interface with Multiple Protocols (Pelco-D,Pelco-P, Wonwoo)
- Aluminum body and Polycarbonate Dome Cover
- UTP/BNC (Option)
- Built-in Fan/Heater (Outdoor)

Installation Type

Type	Out Door	In Door In Door Ceiling
Ceiling	 PSO-120N(P) Out Door Ceiling_Pipe (Pipe 200mm)	 PSF-120N(P) In Door In Ceiling
Wall	 PSO-120N(P) Out Door Wall	

SPECIFICATIONS

MODEL	PSO-120N(P)	
Image Sensor	1/4" SONY Super HAD II(Double Scan) CCD	
Total Pixels	NTSC : 1028(H) × 508(V)	PAL : 1028(H) x 596(V)
Scanning system	Interlace	
Scanning Frequency	15.734KHz(H),59.94Hz(V)	15.625KHz(H),50Hz(V)
Sync. System	Internal	
Resolution	700 TV lines (COLOR)	
	800 TV lines (BW)	
Min. illumination	Color : 0.7 lux , BW : 0.2 lux	
	Color DSS : 0.001 lux , BW DSS : 0.00003 lux	
Video Output	UTP/ 1.0 Vp-p (75 ohm, composite) Option	
S/N Ratio	More than 50dB (AGC off)	
Pan/tilt/zoom	360° degrees /92° angle	
Pan preset speed	0.1-380°/sec	
Lens type	12x Day & Night Zoom Lens	
Zoom Ratio	Optical x12, Digital x32 Zoom	
Focal Length	f = 3.8 mm ~ 45.6 mm	
Aperture Ratio	F1.6 (wide) ~ F2.7 (tele)	
Focus	Auto / Zoom-Trig / Manual	
Focus Distance	0.1 / 1.0 / 1.3 / 2.0 / 6.0 m	
E. Zoom	Off / Max 2x~32x	
Exposure	Auto / Shutter PRI / Manual	
Gain Control	Off / On (Auo Max 30dB)	
Shutter Speed	1/60 ~ 1/100,000 sec	1/50 ~ 1/100,000 sec
Digital Shutter Speed	Off / Max 2x~512x	
Flickerless	Off / On	
Brightness	1 ~15 steps	
WDR / BLC	Off / WDR / BLC	
Day&Night (ICR)	Auto / Sens-in / Ext / Day / Night	
White Balance	ATW / One-Push / Indoor / Outdoor / Manual / Auto	
Image DNR	Off / Manual / Auto	
HR	Off / 1~7 steps	
Mirror	Off / H / V / H+V	
Sharpness	1 ~ 16 steps	
Effect	Off / Negative / B&W	
Freeze	Off / On	
Intelligent	Privacy / MD / OD	
Privacy Mask	Off / 16 positions	
Motion Detection	Off / 3 positions	
Object Detection	Off / On	
Special	Sync / Phase / Comm	
Sync Mode	INT / LL	
Phase	0 ~ 255 steps	
Display	Disp Sel / Init Sel / Set Title / Set Init Msg / Language	
Disp Sel(Off / On)	ID / Title / Zoom Ratio	
Init Sel(Off / On)	ID / Baud Rate / Protocol / Version / Init Msg	
Protocols	PELCO-D, PELCO-P, WONWOO	
Communication	RS-485	
Power Consumption	PS-120 - DC 12V, 1.5A , PSO-120 – AC 24V, 3A	
Operating Temperature	-40ºC ~ +50ºC (Indoor/Outdoor)	
Operating Humidity	20% ~ 75% RH	
Certification	KCC,CE, FCC, RoHS	
Ingress protection	IP66	

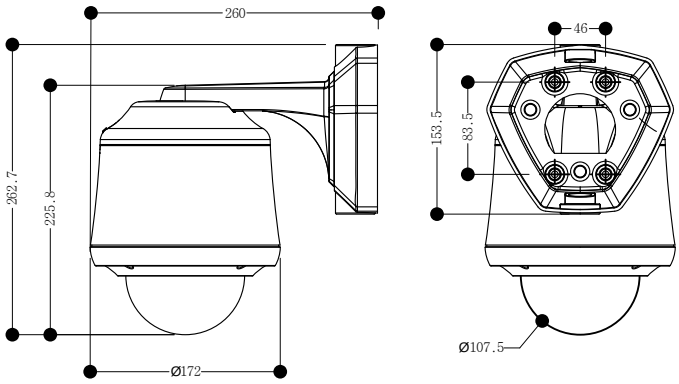
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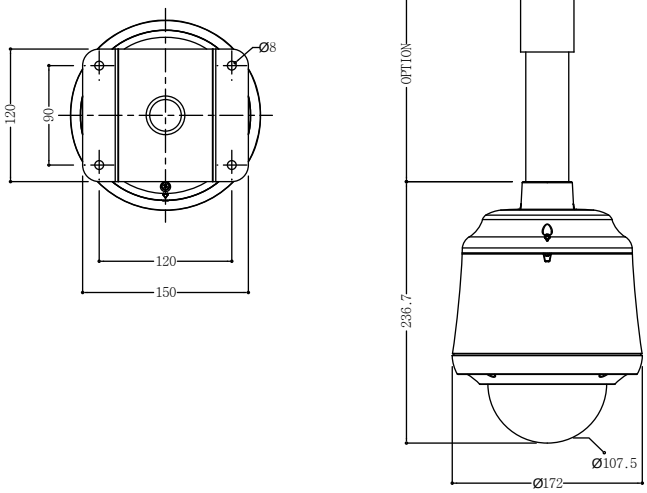
DIMENSIONS

Unit : mm

Outdoor Wall



Outdoor Ceiling



Indoor Inceiling

