



Weather Proof - IP67

Key Features

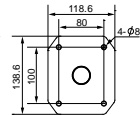
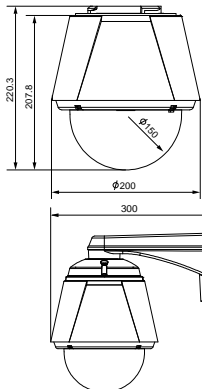
- 1/3" Panasonic 2MP CMOS Sensor
- Optical x20 / Digital x32
 - f = 4.7mm ~ 94mm / F1.6(wide) ~ F3.5(tele)
- 30fps@1080p , 60fps@720p/ Analog 700TVL resolution
- Superior camera functions
 - Day & Night(ICR)
 - Wide Dynamic Range
 - Digital Noise Reduction (2D + 3D)
- Fast & Silent motion
- No accumulate error with preset function(255 presets)
- Max 500°/sec P/T speed and 0.05°/sec manual speed
- 4 patterns , 10 swings and 8 Groups
- Weatherproof : IP67
- True Day & Night with ICR (IR Cut Filter)
- Power : DC 12V / 1.8A or AC 24V / 2.0A

Ordering Information

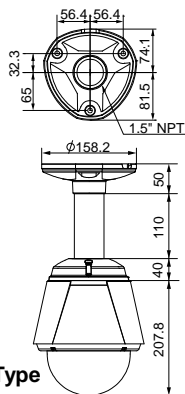
- SPSD-H2020NC-S2: NTSC composite output
- SPSD-H2020PC-S2: PAL composite output

Dimensions(mm)

Wall Mount Type



Ceiling Mount Type



Technical Specifications

Model		SPSD-H2020NC-S2 (NTSC Composite Output)	SPSD-H2020PC-S2 (PAL Composite Output)
Camera	Image Device	1/3" Panasonic CMOS Sensor	
	Effective Pixel	1,944(H) x 1,092(V) / 2.1M Pixels	
	H. Resolution	Digital: 1920x1080p(30fps@1080p), 1280x720p(60fps@720p)	
		Analog: MIN. 700 TV Lines	
	S/N Ratio	More than 50 dB (AGC Off)	
	Zoom	Optical X20 and Digital X32	
	Focal Length	F1.6(Wide)/ F3.5(Tele), f=4.7~ 94 mm	
	MIN. Illuminance	Color 0.5 Lux / BW 0.1Lux Color DSS 0.002 Lux / B/W 0.001 Lux	
	Day & Night	Day / Night (IR Cut Filter) / Auto / Ext	
	Focus	Auto / One push / Manual	
	Exposure	Auto / Shutter PRI. / Iris PRI. / Manual	
	Shutter Speed	1/30(25) ~ 1/6000 SEC. (x2 ~ x4 SENS-Up)	
	AGC	Off / On	
	White Balance	Auto / One push / Indoor / Outdoor / Manual	
	WDR / BLC	On / Off	
	Flickerless	Selectable	
DNR	Off / Manual / Auto		
Privacy Mark	Off / 24 Masks		
Motion Detection	Off / 4 Positions		
Other functions	HLC / Mirror / Freeze / ACE / De-fog / Mirror / Sharpness / Brightness /		
Pan/Tilt	Range	Pan : 360°(Endless) / Tilt : 90°	
	Pan/Tilt Speed	Preset : 500°/ SEC.	
		Manual : 0.05° ~ 360°/ SEC. (Zoom Proportional)	
		Swing : 10° ~ 180°/ SEC.	
	Preset	255 Presets with Labels / Independent Preset Parameter Setup	
	Pattern	4 Patterns (Approximate 5 Minutes for Each Pattern)	
	Swing	10 Swings	
	Group	8 Groups (MAX. 40 Entries for Each Group)	
	Scheduler	8 Scheduler function with RTC(Real Time Clock)	
Other Functions	Auto Flip, Auto Parking, Power-up Action & etc.		
Video	Output	2 x BNC (HD-SDI and CVBS)	
	HD-SDI	HDcciv V1.0 / 1.485Gb/s / SMPTE 292M	
	CVBS	1Vpp	
General	Communication	RS-485 for PTZ control	
	Protocol	Pelco-D, Pelco-P Selectable	
	OSD	4 languages (English / Polish / French / Italian)	
	Dimension	Dome : ø 150 mm / ø 5.9"	
		Wall mount : 200(ø) x 408(H) mm / 7.87" (ø) x 16.1" (H) Ceiling mount : 300 x 309(H) mm / 11.8" x 12.2" (H)	
	Weight	Approximate 3.6 Kg / 7.9 lbs (With Wall mount Bracket) Approximate 3.4 Kg / 7.5 lbs (With Ceiling mount Bracket)	
	Material	Dome : Poly Carbonate / Housing : Aluminum	
	Fan & Heater	Built-in Fan : Always On Heater : On below Internal Temperature 10°C / 50°F	
Operating Temp.	-30°C ~ 50°C / -22°F ~ 122°F		
Power	Dual Power support DC 12V / 1.8A or AC 24V / 2.0A		
Sensor In/Out	3 Inputs (Photo Coupler Type) / 1 Output (Relay Type)		

All specifications are subject to change without notice