

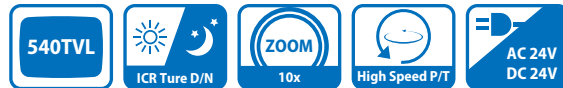
# DH-SD4150/4161-H

## 10x High Resolution PTZ Mini Dome Camera



DH-SD4150-H: 10x optical zoom, ICR Day/Night, 540TV lines

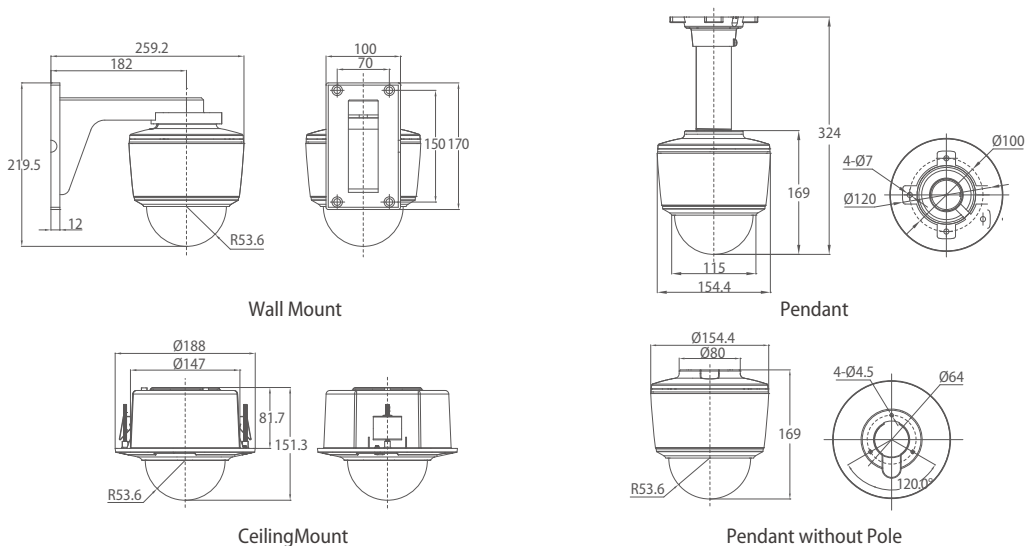
DH-SD4161-H: 10x optical zoom, 540TV lines



### Features

- SAMSUNG high resolution camera module
- SONY high resolution camera module
- 1/4" EXview HAD CCD
- Powerful 10x optical zoom(3.8mm~38.0mm): DH-SD4150-H
- Powerful 10x optical zoom(4.2mm~42.0mm): DH-SD4161-H
- High resolution of 540 TV Lines
- Day/Night(ICR): DH-SD4150-H
- Auto iris, Auto focus, AWB, Backlight compensation
- Up to 8 zones of privacy masking
- Max 300°/s pan & tilt speed, 360° endless pan rotation
- Up to 200 Presets, 5 Auto Scan, 8 Tour, 5 Pattern
- Idle Motion: Activation of Preset/Scan/Tour/Pattern after idle time
- Time Task: Auto activation of Preset/Scan/Tour/Pattern by pre-set time
- Power up action: Auto restore to previous PTZ & Lens status after power up
- Multi-language OSD menu
- 2/1 channel alarm input/output
- 3D positioning control at DH-SD protocol
- Multiple choice for Wall, Pendant, Ceiling mount
- AMP slot for easy installation
- Dual power supply: AC 24V/DC 12V

### Dimensions (mm)



## Specifications

Model	DH-SD4150-H		DH-SD4161-H	
Camera	Image Sensor	1/4" EXview HAD CCD		
	Effective Pixels (H x V)	PAL: 440,000 (752 x 582)		
		NTSC: 380,000 (768 x 494)		
	Horizontal Resolution	540TV Lines		
	Focal Length	3.8mm(Wide)~38.0mm(Tele), F1.8~F2.9	4.2mm(Wide)~42.0mm(Tele), F1.8~F2.9	
	FOV	51.2°(Wide)~5.6°(Tele)	46°(Wide)~4.6°(Tele)	
	Closest Focal Distance	200mm(Wide)~1000mm(Tele)		
	Optical Zoom	10x		
	Digital Zoom	12x		
	Min. Illumination	0.7Lux/F1.8(NTSC: 1/60s, PAL: 1/50s)	1.0Lux/F1.8(NTSC: 1/60s, PAL: 1/50s)	
	Electronic Shutter	NTSC:1/4~1/10000s, PAL:1/3~1/10000s, 20level		
	Signal Noise Ratio	>50dB		
	Backlight Compensation	On/Off		
	White Balance	Auto/ATW/Indoor/Outdoor/Manual		
	Day/Night	ICR	N/A	
Privacy Masking	On/Off(MAX. 8 zones)			
Video Output	BNC(1.0Vp-p, 75Ω), NTSC/PAL			
Dome Drive	Pan/Tilt Range	Horizontal: 0°~360°endless, Vertical: -2°~90°auto flip		
	Manual Control Speed	Horizontal: 0.1°~200°/s, Vertical: 0.1°~120°/s		
	Preset Speed	Horizontal: 300°/s, Vertical: 150°/s		
	Preset Positions	200		
	PTZ Mode	5 Auto Scan, 8 Tour, 5 Pattern		
	Alarm	2/1 alarm input/output, Triggering Preset/Tour/Pattern/Scan		
	Auto Speed Control	Automatic focal length/speed adaptation		
	3D Positioning	Yes		
	Protocol	DH-SD, Pelco-P/D		
	Fan & Heater	Automatic fan and heater control		
General	Protection Circuit	3000V lightning protection, surge protection		
	Working Temperature	-10~50°C		
	Working Humidity	10%~90%		
	Power Supply	AC 24V/1A, DC 12V/1.5A(±10%)		
	Power Consumption	12W		
	Weight	1.5kg		