Technical Specification

Item		DH510	DH610
Camera			
CCD Sensor		1/4" Sony CCD	
Optical Zoom		12×	
Digital Zoom		1× ~ 12× variable	
Effective Pixels	NTSC	380 k	
	PAL	440 k	
Horizontal Resolution		540 TVL	
Scanning System		NTSC / PAL	
Synchronization		Internal / Line Lock	
Video Output		1.0 Vp-p / 75 Ω, BNC	
Minimum Illumination		0.1 lux; 0.01 lux (B/W)	
Focal Length		3.8 ~ 45.6 mm	
Focus Mode		Auto / Manual	
White Balance		Auto / Manual / Indoor / Outdoor	
Iris Control		Auto / Manual	
Electronic Shutter	NTSC	1/1 ~ 1/10k sec.	
	PAL	1/1 ~ 1/10k sec.	
AGC Control		Auto / Manual	
Back Light Compensation		On / Off	
Operation			
Built-in Protocol		DynaColor, Pelco D & P, VCL, Philips, AD-422, JVC, etc.	
Multi-Language OSD		English, French, German, Italian, Japanese, Polish, Portuguese, Russian, Spanish, Turkish, S. Chinese	
Pan Travel		360° endless	
Tilt Travel		-10° ~ 190°	
Manual Speed		0.5° ~ 55°/s	
Presets		256	
Preset Accuracy		0.225°	
Preset Speed		5° ~ 300°/s	
Sequence		8	
Auto-Pan		4	
Cruise		8	
Privacy Mask		16	
Proportional Pan & Tilt		On / Off (Pan and tilt speeds proportional to zoom ratio)	
Resume after Power loss		Yes	
Zone Title		16	
Home Function		Preset, Sequence, Auto-Pan, Cruise	
Auto-Flip		Digital / Mechanical / Off	
Digital Slow Shutter		On / Off	
Wide Dynamic Range		On / Off	
Day / Night: IR Cut Filter		On / Off	
Image Freeze		On / Off	
Image Inverse		On / Off	
Noise Reduction	2D	On / Off	
	3D	On / Off	
Alarm Input		8	
Alarm Output		1	
Alarm Reaction		Preset, Sequence, Auto-Pan, Cruise	
General			
Environment		Indoor	Outdoor
Controller Interface		RS-485	RS-485
Operating Temperature		0 °C ~ 40 °C (32 °F ~ 104 °F)	-30 °C ~ 45 °C (-22 °F ~ 113 °F)
Weatherproof Standard		-	IP 66 Standard
Dimensions		Ø131 × 200 mm (5.2 × 7.8 inches)	Ø172 × 260 mm (6.8 × 10.2 inches) Ø190 × 260 mm (7.5 × 10.2 inches), with sunshield
Weight		1.2 kg (2.6 lbs)	2.1 kg (4.6 lbs)
Power Source		DC 12V / AC 24V±10%	AC 24V±10%
Power Consumption		14 W	52 W (with Heater)
Regulatory		CE, FCC, RoHS	

Product Selection

DH510-□□□□□□□□
DH610-□□□□□□□□

Interface	Camera	Sensor	Motor	Video System	Body	Cover Color	Power
0: Analog ***E:*** Ethernet	***A:*** 12× ***B:*** 12×, ICR ***D:*** 12×, ICR, WDR	***1:*** EXview	***A:*** Standard	***N:*** NTSC ***P:*** PAL	***1:*** Standard (DH510) ***2:*** Classic (DH510) ***A:*** w/o Sunshield (DH610) ***B:*** w/ Sunshield (DH610)	***T:*** Transparent	***1:*** DC 12V ***2:*** AC 24V

*ICR, IR Cut Filter Removable, enables Day / Night function