



	NTSC	PAL
Image system	NTSC	
Lens	PAL	
Image Sensor	1/4" SONY SuperHAD CCD	
Optical zoom	F1.4 ~ F3.0	
Focal length	f=4.1~73.8mm	
View Angle	2.8°~48.0°	
Effective pixels(HxV)	380K pixels approx.	440K pixels approx.
Scanning system	2:1 Interlace V: 59.94Hz, H: 15.734KHz	2:1 Interlace, V: 50Hz, H: 15.625KHz
Sync system	Internal / line-lock	
Video output	1Vpp composite output, 75 ohm	
Horizontal resolution	480 TVL	
S/N ratio	More than 50 dB	
Zoom limit	UP TO 216X (optical 18X, digital 12X)	
Focusing system	Auto(normal sensitivity / low sensitivity)	
Focus	Auto (sensitivity: normal, low), One-push AF, Manual, Infinity, Interval AF, Zoom Trigger AF	
Minimum illumination	Normal mode: 0.05 lux (F1.4, 1/60(1/50)sec. 10 IRE)	
Gain control	Auto	
White balance	Auto, ATW, One-push	
Electric shutter	1/50 to 1/10,000sec. 16 Steps	
Auto slow shutter	On / Off	
AE control	Auto / manual / backlight compensation	
EV compensation	-10.5~+10.5dB(15 steps)	
Backlight Compensation	On / off	
Alarm function	Yes	
Day/Night mode	-	
Flickerless	Yes	
Motion detection	Yes	
Picture Effect		
Mechanical Flip E-FLIP	-	
Mirror Image	Yes	
Freeze Image	-	
P/T Operation		
Pan Range	360° continuous	
Tilt range	92°	
Manual Pan speed	0.1 - 90°/s	
Manual Pan speed (turbo)	0.1°/s: max dig. zoom : 0.4°/s :max opt. zoom	
Manual tilt speed	150°/sec	
Preset speed	0.1 - 45°/s	
Proportional P/T	0.1°/s: max dig. zoom : 0.4°/s :max opt. Zoom	
Pan/Tilt limit	Pan: 430°/sec(max); Tilt: 200°/sec (max)	
Auto Flip	Provided	
Zoom Limit	user definable	
Programmable Preset	on/off	
Programmable Tours	x18,x36,x72,x144,x216, 256 points	
Privacy zone	4 pattern tours memorizing up to 6 mins of manual control	
Scan function	On / off, up to 24 zones (3D Privacy Zone)	
Alarm	Random, frame and auto-scan selectable	
Preset titles	6 inputs / 1 output	
Password protection	Max 20 characters	
Other Superior Functions	alphanumeric Dome OSD setup protection	
Remote control	Super Fine Pan for 0.02° Accuracy / Motion Detection / Scheduling	
Remote control	MESSOA P/D (Also support Pelco-P/D, GE-Kalatal, Bosch, Emitec, Tyco)	
Special Commands	support absolute(X, Y, Z) position	
Interface	RS485 (2-wire)	
Baud Rate	2400,4800,9600,19200 bit/s(DIP-sw selectable)	
Mechanical/Environment		
Operating temperature	-40 °C ~ 60 °C	
Operating humidity	20% ~ 80% RH	
Storage temperature	-20 °C ~ 60 °C	
Dimensions(øxH)	216.6mm X 324.0mm (height)	
Weight	3500g approx.	
Electrical		
Power requirement	AC24V +/-10%	
Power consumption	46W (max.)	
OSD		
Multi language support	English, Simplified Chinese, Traditional Chinese, Spanish,Portuguese, French, Japanese, Germany, Polish, Italian	
Regulation		
Vandal proof	750KG (2205 lb) impact resistance	
Water proof	IP67	
Other	With Heater and Blower	
Applications (Optional)	Pendant Pipe Mount(SAD702) / Simple Wall Mount (SAD703) / Wall Mount with Power Box (SAD704) / Pendant Pipe Mount with Power Box(SAD705) / Parapet Wall Mount (SAD706)	
Ordering information	SDS710M-HN2-US (US Power Cord)	SDS710M-HP2 -EU (EU Power Cord)
		SDS710M-HP2 -UK (UK Power Cord)

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