



**SDS710PRO Series Color Camera**  
**High speed PTZ DSP dome camera**

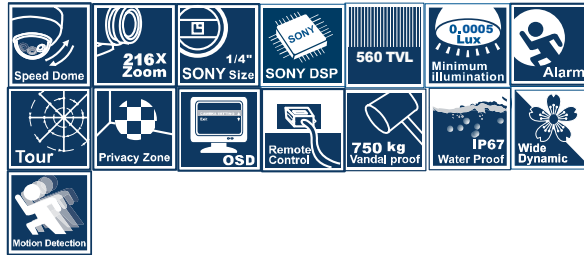


Image system	NTSC	PAL
Lens	1/4" SONY SuperHAD CCD	
Image Sensor	F1.4 ~ F3.0	
Optical zoom	f=4.1~73.8mm	
Focal length	2.8°~48.0°	
View Angle	380K pixels approx.	
Effective pixels(HxV)	440K pixels approx.	
Scanning system	2:1 Interlace V: 59.94Hz, H: 15.734KHz	2:1 Interlace, V: 50Hz, H: 15.625KHz
Sync system	Internal / line-lock	
Video output	1Vpp composite output, 75 ohm	
Horizontal resolution	560 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: 0.035 lux (1/60(1/50)sec. ICR OFF, 10 IRE) Normal mode: 0.0035 lux (1/4(1/3)sec. ICR OFF, 10 IRE) Slow shutter mode: 0.0005 lux (1/4(1/3)sec. ICR ON, 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	Yes	
Flickerless	Yes	
Wide dynamic	Yes, 128X	
Motion detection	Yes	
Picture Effect		
Mechanical Flip E-FLIP	Yes	
Mirror Image	Yes	
Freeze Image	Yes	
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	
Manual tilt speed	0.1 - 45°/s	
Preset speed	0.1°/s: max dig. zoom ; 0.4°/s :max opt. Zoom	
Proportional P/T	Pan: 430°/sec(max); Tilt: 200°/sec (max)	
Pan/Tilt limit	Provided	
Auto Flip	user definable	
Zoom Limit	on/off	
Zoom Limit	x18.x36.x72.x144.x216	
Programmable Preset	256 points	
Programmable Tours	4 pattern tours memorizing up to 6 mins of manual control	
Privacy zone	On / off, up to 24 zones (3D Privacy Zone)	
Scan function	Random, frame and auto-scan selectable	
Alarm	6 inputs / 1 output	
Preset titles	Max 20 characters	
Password protection	alphanumerical Dome OSD setup protection	
Other Superior Functions	Super Fine Pan for 0.02° Accuracy / Motion Detection / Scheduling	
Remote control		
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	48W (max.)	
OSD		
Multi language support	English, Simplified Chinese, Traditional Chinese, Spanish, Portuguese, French, Japanese, Germany, Polish, Italian	
Regulation		
Vandal proof	750KG (1652 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	SDS710Pro-HN2-US (US Power Cord)	SDS710Pro-HP2 -EU (EU Power Cord)
		SDS710Pro-HP2 -UK (UK Power Cord)

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