



**SDS750 Series Color Camera**  
**High speed PTZ DSP dome camera**

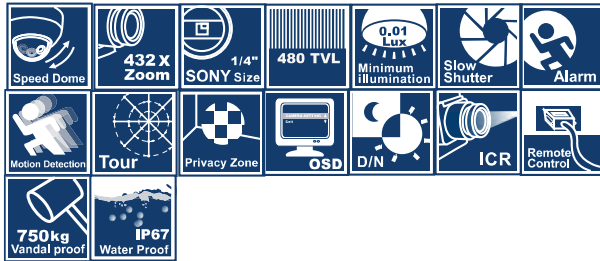


Image system	NTSC	PAL
Lens	1/4" SONY Exview HAD CCD	
CCD	F1.6 - F4.5	
Optical zoom	f=3.4 mm (wide) to 122.4 mm (tele)	
Focal length	57.8"(wide end) to 1.7"(tele end)	
View Angle	320mm(wide end) to 1500mm(tele end)	
Minimum Working Distance	380K pixels approx. / 440K pixels approx.	
Effective pixels(HxV)	2:1 Interface V: 59.94Hz, H: 15.734KHz / 2:1 Interlace, V: 50Hz, H: 15.625KHz	
Scanning system	Internal / line-lock	
Sync system	1Vpp composite output, 75 ohm	
Video output	480 TV Lines	
Horizontal resolution	More than 50 dB	
S/N ratio	UP TO 432X (optical 36X, digital 12X)	
Zoom limit	Auto(normal sensitivity / low sensitivity)	
Focusing system	Auto (sensitivity: normal, low), One-push AF, Manual, Infinity, Interval AF, Zoom Trigger AF	
Focus	Normal mode: 1.4 lux (F1.6, 1/60(1/50)sec. ICR OFF) Slow shutter mode: 0.1 lux(F1.6, 1/4(1/3)sec. ICR OFF) Night mode: 0.15 lux(F1.6, 1/60(1/50)sec. ICR ON) / Slow shutter mode: 0.01 lux(F1.6, 1/4(1/3)sec. ICR ON)	
Minimum illumination	Auto	
Gain control	Auto, ATW One-push	
White balance	1/1 to 1/10,000sec. 22 Steps	
Electric shutter	On / Off	
Auto slow shutter	Auto, Manual, Priority mode, Bright, EV compensation, Back-light compensation	
AE control	-10.5→+10.5dB(1.5dB steps)	
EV compensation	On / off	
Backlight Compensation	Yes	
Alarm function	Auto / manual	
Day/Night mode	Yes	
Flickerless	Yes	
Picture Effect		
Mirror 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	
Pre-set 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	x36,x72,x144,x288,x432	
Privacy zone	256 points	
Scan function	4 pattern tours memorizing up to 6 mins of manual control	
Alarm	On / off, up to 24 zones (3D Privacy Zone)	
Preset titles	Random, frame and auto-scan selectable	
Password protection	6 inputs / 1 output	
Other Superior Functions	Max 20 characters	
Remote control	alphanumerical Dome OSD setup protection	
Special Commands	Super Fine Pan for 0.02° Accuracy / Motion Detection / Scheduling	
Interface	support absolute(X, Y, Z) position	
Baud Rate	RS485	
Mechanical/Environment	2400,4800,9600,19200 bit/s(DIP-sw selectable)	
Operating temperature		
Operating humidity	-40 - 60	
Storage temperature	20% - 80% RH	
Dimensions(øxH)	-20 - 60	
Weight	216.6mm X 324.0mm (height)	
Electrical	3500g approx.	
Power requirement		
Power consumption	AC24V +/-10%	
Regulation	46W (max.)	
Vandal proof	750KG (1653 lb) impact resistance	
Water proof	IP67 (With Heater and Blower)	
Applications (Optional)	In Ceiling Mount (SAD701) / 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) / Corner Mount(SAD707) / Pole Adaptor (SAD708) / Pipe Extension Bracket(SAD709) / Sun Shield(SAD710)	
Ordering information	SDS750-HN2-US (US Power Cord)	SDS750-HP2 -EU (EU Power Cord) / SDS750-HP2 -UK (UK Power Cord)

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