



SDS750M Series Color Camera
High speed PTZ DSP dome camera

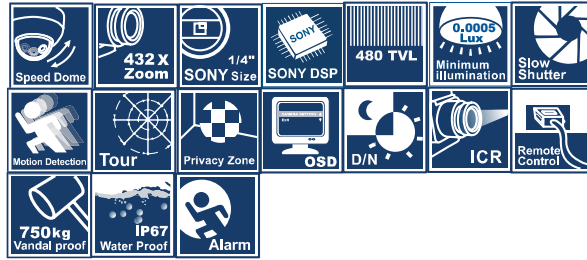


Image system	NTSC	PAL
Lens		
CCD	1/4" SONY Exview HAD CCD	
Optical zoom	F1.6 ~ F4.5	
Focal length	f=3.4 mm (wide) to 122.4 mm (tele)	
View Angle	57.8°(wide end) to 1.7°(tele end)	
Minimum Working Distance	320mm(wide end) to 1500mm(tele end)	
Effective pixels(HxV)	380K pixels approx.	440K pixels approx.
Scanning system	2:1 Interface 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 432X (optical 36X, 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: 0.07 lux (F1.6, 1/60(1/50)sec. ICR OFF), 10 IRE Slow shutter mode: 0.005 lux(F1.6, 1/4(1/3)sec. ICR OFF), 10 IRE Night mode: 0.0075 lux(F1.6, 1/60(1/50)sec. ICR ON), 10 IRE Slow shutter mode: 0.0005 lux(F1.6, 1/4(1/3)sec. ICR ON), 10 IRE	
Gain control	Auto/Manual (-3 to 28 dB, 2 dB steps)	
White balance	Auto, ATW, One-push	
Electric shutter	1/1 to 1/10,000sec. 22 Steps	
Auto slow shutter	On / Off	
AE control	Auto, Manual, Priority mode, Bright, EV compensation, Back-light compensation	
EV compensation	-10.5~+10.5dB(1.5dB steps)	
Backlight Compensation	On / off	
Alarm function	Yes	
Day/Night mode	Auto / manual	
Flickerless	Yes	
Motion detection	YES	
Picture Effect		
Mechanical Flip E-FLIP	Yes	
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 150°/sec	
Manual tilt speed	0.1 - 45°/s	
Preset speed	0.1°/s: max dig. zoom ; 0.4°/s :max opt. Zoom Pan: 430°/sec(max); Tilt: 200°/sec (max)	
Proportional P/T	Provided	
Pan/Tilt limit	user definable	
Auto Flip	on/off	
Zoom Limit	x36,x72,x144,x288,x432	
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	
Alarm	Max 20 characters	
Password protection	alphanumeric 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, Ernitec, Tyco)	
Special Commands	support absolute(X, Y, Z) position	
Interface	RS485	
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	SDS750M-HN2-US (US Power Cord)	SDS750M-HP2-EU (EU Power Cord)
		SDS750M-HP2-UK (UK Power Cord)

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