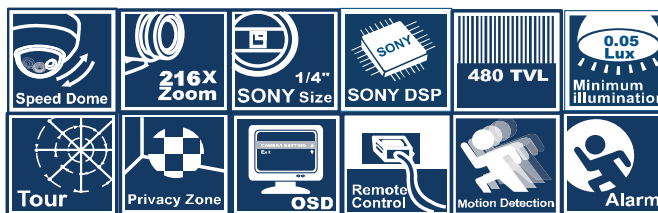


# MESSOA®

## SDS713M Series Color Camera High speed PTZ DSP dome camera



	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	-	
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	
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	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	-10 °C ~ 50 °C (14 °F~122 °F)	
Operating humidity	20% ~ 80% RH	
Storage temperature	-20 °C ~ 60 °C (-4 °F~140 °F)	
Dimensions(øxH)	ø250mm X 257mm (ø9.8" X 10.1")	
Weight	Gross weight: Approx.7000g (15.5 lb) Net weight: Approx. 3600g (7.7 lb)	
Electrical		
Power requirement	AC24V +/-10%	
Power consumption	18W (max.)	
OSD		
Multi language support	English, Simplified Chinese, Traditional Chinese, Spanish, Portuguese, French, Japanese, German, Polish, Italian	
Regulation		
Vandal proof	N/A	
Water proof	N/A	
Other	Without Heater and Blower	
Applications	Surface mount	
Ordering information	SDS713M-HN2-US (US Power Cord)	SDS713M-HP2 -EU (EU Power Cord)
		SDS713M-HP2 -UK (UK Power Cord)

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