SDS713M-HN2 PTZ Camera

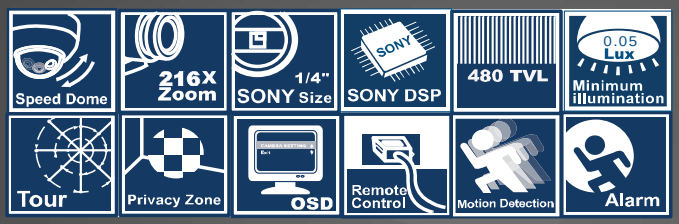

Image system	NTSC	
Lens		
Image Sensor	1/4" SONY SuperHAD CCD	
Optical zoom	F1.4 ~ F3.0	
Focal length	f=4.1~73.8mm	
View Angle	2.8°~48.0°	
Effective pixels(HxV)	380K pixels approx.	440K
Scanning system	2:1 Interlace V: 59.94Hz, H: 15.734KHz	2:1 Interlace, V:
Sync system	Internal / linelock	
Video output	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	
	0.1°/s: max dig. zoom ; 0.4°/s :max opt. zoom	
Manual Pan speed (turbo)	150°/sec	
Manual tilt speed	0.1 - 45°/s	
	0.1°/s: max dig. zoom ; 0.4°/s :max opt. Zoom	
Preset speed	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, Ernitec,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 ℃ ~ 50 ℃ (14°F~122°F)	
Operating humidity	20% ~ 80% RH	
Storage temperature	-20 ℃ ~ 60 ℃ (-4°F~140°F)	
Dimensions(øxH)	ψ250mm X 257mm (ψ9.8" 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	In-ceiling mount	

SDS713M-HN2

OPTIMA SYSTEMS INC.
1415 Pembina Hwy, Winnipeg, MB, Canada, R3T 2C2 | Tel: 204.488.2274 Email: info@optimasystems.ca Web: www.optimasystems.ca

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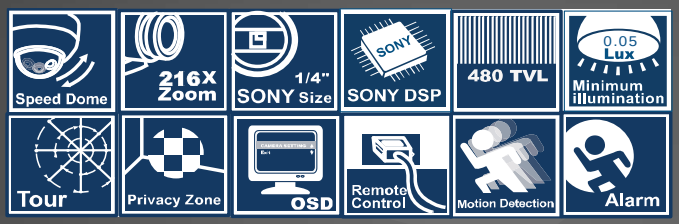

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