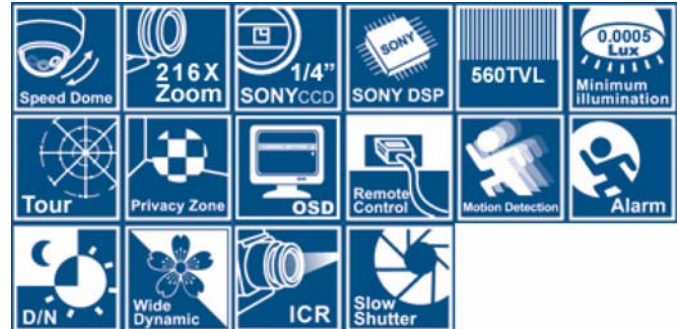




SDS713PRO color PTZ speed-dome camera with programmable auto patrol routes and a high-sensitivity CCD



The SDS713PRO PTZ high-speed dome camera is a high-performance camera with a 1/4" Exview HAD CCD made by Sony. With unique pan/tilt/zoom capabilities, the SDS713PRO is an ideal solution for wide-area surveillance in locations such as warehouses, manufacturing facilities, and airports.

- **Multi-Language Support**

The SDS713PRO series OSD menu supports multiple languages, including English/Traditional Chinese/Spanish/Portuguese/Japanese/French in NTSC and English/Spanish/Portuguese/French/German/Polish/Italian/Russian in PAL.

- **Powerful Zoom**

The SDS713PRO series features powerful zoom functionality—an 18X optical zoom and a 12X digital zoom—allowing for more precise viewing and enabling the SDS713PRO to capture crisp, detailed color images of objects near or far.

- **Superior Pan/Tilt Performance**

The camera's 360° pan and 92° tilt operations enable monitoring of a wider area and targeting of any position in the viewable area. Its industry leading pan/tilt speeds—panning at up to 430°/sec and tilting at up to 200°/sec—permit faster, more efficient object captures and facilitate more effective surveillance.

- **Auto Patrol Routes/256 Presets**

The SDS713PRO's auto patrol functionality enables it to automatically track objects. It features 256 presets that can be programmed to monitor locations or objects of particular interest, or configured to create auto patrol routes, improving surveillance and safety outcomes. The SDS713PRO resolves the problem of excessive numbers of dead corners in areas under surveillance, further enhancing your security.

- **24-hour surveillance**

The SDS713PRO incorporates true day/night functionality to capture perfect pictures in as little as 0.0005 lux. By switching between day and night modes automatically in response to lighting conditions, the camera delivers clear and crisp images at all times.

- **Wide Dynamic Range**

The SDS713PRO's 128x Wide Dynamic Range (WDR) ensures clear image reproduction, even in complex lighting environments.

2009.8.25 version.

MESSOA reserves the right to update this datasheet at any time without notice.

MESSOA USA e-mail: info.us@messo.com//MESSOA Taiwan e-mail: info@messo.com

Specification

Image system	NTSC	PAL	
Lens			
Image Sensor	1/4"Sony Exview HAD 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	560 TV Lines		
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 (F1.6, 1/60(1/50)sec. ICR OFF, 10 IRE) Slow shutter mode: 0.0035 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		
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	Auto ICR mode		
Wide dynamic	YES, 128X		
Motion detection	Yes		
P/T Operation			
Pan/Tilt Range	Pan:360° continuous/Tilt: 92°, wide:88°		
Preset speed	Pan: 430°/sec(max); Tilt: 200°/sec (max)		
Preset	256		
Auto Patrol Route	4 auto patrol routes		
Privacy zone	On / off, up to 24 zones (3D Privacy Zone)		
Scan function	Random,frame and auto-scan selectable		
Alarm	6 inputs / 1 output		
Other Superior Functions	Super Fine Pan for 0.02° Accuracy / Motion Detection/ Scheduling		
Remote control			
Remote control	MESSOA Pelco-P/Pelco-D (Also support Pelco-P/D,GE-Kalatal, Bosch, Ernitec,Tyco)		
Special Commands	support absolute(X, Y, Z) position		
Interface	RS485		
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)	ø165mm X 249.3mm (ø6.5" X 9.82")		
Weight	3.8 kg (8.37 lb)		
Electrical			
Power requirement	AC24V +/-10%		
Power consumption	20W (max.)		
OSD			
Multi language support	English/Traditional Chinese/Spanish/Portuguese/ Japanese/ French	English/Spanish/Portuguese/French/German/Polish/Italian/Russian/Simplified Chinese	
Other			
Without Heater and Blower			
Ordering information	SDS713PRO-HN2-US (US Power Cord)	SDS713PRO-HP2-EU (EU Power Cord)	SDS713PRO-HP2 -UK (UK Power Cord)

Dimensions

