



# High Resolution Day & Night Dome Camera

## SID-460/460W/462/462W

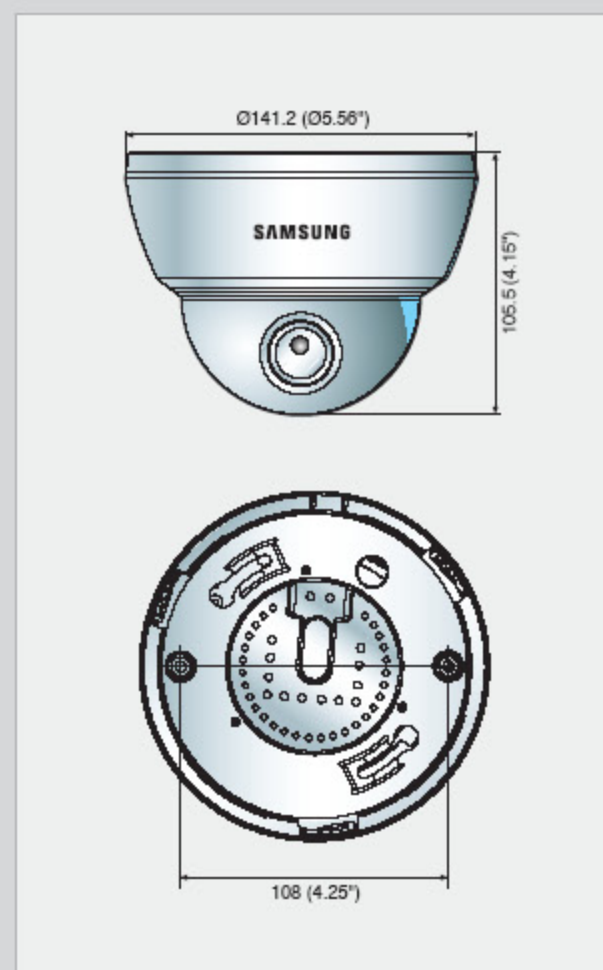
### Specifications

	SID-460N/460WN	SID-460P/460WP	SID-462N/462WN	SID-462P/462WP
<b>ELECTRICAL</b>				
Input Voltage	12V DC	Dual (12V DC/ 24V AC), Built-in ground fault isolation transformer		
Power Consumption	Max. 3.5W			
<b>VIDEO</b>				
Imaging Device	1/3" Super HAD CCD			
Total Pixels	811(H) x 508(V)	795(H) x 596(V)	811(H) x 508(V)	795(H) x 596(V)
Effective Pixels	768(H) x 494(V)	752(H) x 582(V)	768(H) x 494(V)	752(H) x 582(V)
Scanning System	2 : 1 Interlace			
Synchronization	Internal		Internal / Line lock	
Frequency	H : 15.734KHz / V : 59.94Hz	H : 15.625KHz / V : 50Hz	H : 15.734KHz / V : 59.94Hz	H : 15.625KHz / V : 50Hz
Horizontal Resolution	Color : 580TV lines (Min.) / B/W : 700TV lines (Min.)			
Min. Illumination	Color : 0.15Lux (50 IRE@F1.2), 0.0006Lux (Sens-up, 256X) B/W : 0.01Lux (50 IRE@F1.2)			
S / N (Y signal)	52dB			
Video Output	CVBS : 1.0Vp-p / 75Ω			
<b>LENS</b>				
Zoom Ratio	3.6X (Manual)			
Focal Length	2.8 ~ 10mm (F1.2)			
Max. Aperture Ratio	1 : 1.2(Wide) ~ 2.8(Tele)			
Min. Object Distance	0.2m (0.66ft)			
Angular Field of View	H : 94.4°(Wide) ~ 28°(Tele) / V : 69.2°(Wide) ~ 21°(Tele)			
Focus	Manual			
Iris Control	Auto			
<b>PAN / TILT / ROTATE</b>				
Pan Range	0° ~ 340°			
Tilt Range	0° ~ 146°			
Rotate Range	0° ~ 340°			
<b>OPERATIONAL</b>				
On Screen Display	Built-in (Multi-language support)			
Camera Title	On / Off			
Day & Night	Auto (ICR) / Color / B/W		On / Off (Electrical)	
Backlight Compensation	BLC / HLC / Off			
Motion Detection	On / Off			
Digital Image Stabilization	On / Off			
Privacy Masking	On / Off (8 Programmable zones)			
3D Noise Filter (SSNR II)	Low / Middle / High / Off			
Sens-up (Frame Integration)	Auto / Off (Selectable limit ~ 256X)			
Gain Control	Low / High / Off			
White Balance	ATW / AWC / Manual / Indoor / Outdoor			
Electronic Shutter Speed	Fixed (NTSC : 1/60, PAL : 1/50) / A.FLK			
Communication	RS-485			
Protocol	Samsung Techwin, Pelco-D			
Flip	On / Off			
Mirror	On / Off			
Freeze	On / Off			
<b>ENVIRONMENTAL</b>				
Operating Temperature / Humidity	-10°C ~ +50°C / 20% ~ 80% RH			
Storage Temperature / Humidity	-20°C ~ +60°C / 20% ~ 95% RH			
<b>MECHANICAL</b>				
Dimension (WxH)	Ø141.2 x 105.5mm (Ø5.56" x 4.15")			
Weight	560g (1.23 lb)	545g (1.2 lb)		
Color	Silver (SID-460/462), Ivory (SID-460W/462W)			
Certifications	FCC (Class A)	CE (Class A)	FCC (Class A)	CE (Class A)

\* The SID-462 has a built-in ground fault isolation transformer.

### Dimensions

Unit : mm (inch)



### Accessory (Option)



The Eco mark represents Samsung Techwin's will to create environment-friendly products, and indicates that the product satisfies the EU RoHS Directive.

Design and specifications are subject to change without notice.



#### SAMSUNG TECHWIN CO., LTD.

145-3, Sangdaewon 1-dong, Jungwon-gu, Seongnam-si, Gyeonggi-do Korea 462-703  
Tel : +82-31-740-8151~8 Fax : +82-31-740-8145  
www.samsungcctv.com

SAMSUNG TECHWIN AMERICA Inc.  
1480 Charles Willard St, Carson, CA 90746, UNITED STATES  
Tel Free : +1-877-213-1222 Fax : +1-310-632-2195  
www.samsungcctvusa.com

SAMSUNG TECHWIN EUROPE CO., LTD.  
Samsung House, 1000 Hillswood Drive, Hillswood Business Park  
Chertsey, Surrey, UNITED KINGDOM KT16 0PS  
Tel : +44-1932-45-5300 Fax : +44-1932-45-5325

TIANJIN SAMSUNG TECHWIN OPTO-ELECTRONICS CO., LTD.  
No.11 Wei 6 Street, Micro-Electronic Industrial Park  
Jingang Road, Tianjin, P.R. CHINA 300385  
Tel : +86-22-23887788 Fax : +86-22-23887788

■ DISTRIBUTED BY



I.D-0903