

# High Resolution Day & Night Camera

## SDC-425

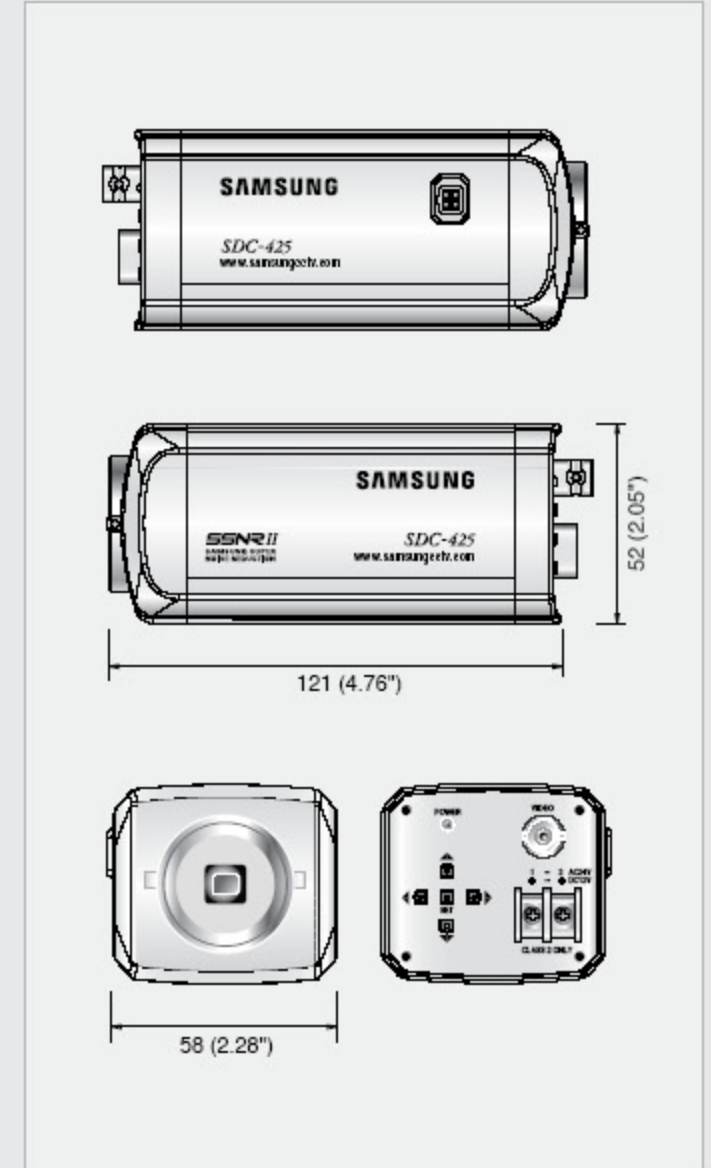


### Specifications

Mode	SDC-425N	SDC-425ND	SDC-425P	SDC-425PD	SDC-425PH
Power Source	24V AC / 12V DC (±10%)	12V DC (±10%)	24V AC / 12V DC (±10%)	12V DC (±10%)	230V AC (±10%)
Power Consumption	Max. 2.5W	Max. 3.5W	Max. 2.5W	Max. 3.5W	Max. 4.0W
Image Pick-up Device	1/3" Super HAD CCD				
Total Pixels	811(H) x 508(V)		795(H) x 596(V)		
Effective Pixels	768(H) x 494(V)		752(H) x 582(V)		
Scanning System	2 : 1 Interlace 525 Lines / 60 Fields / 30 Frames		2 : 1 Interlace 625 Lines / 50 Fields / 25 Frames		
Synchronization	Internal / Line lock	Internal	Internal / Line lock	Internal	Internal / Line lock
Scanning Frequency	Horizontal : 15,734KHz / Vertical : 59.94Hz		Horizontal : 15,625KHz / Vertical : 50Hz		
Horizontal Resolution	580TV lines (Min.)				
Video Output	1.0Vp-p / 75Ω (Video 0.714Vp-p, Sync 0.286Vp-p)		1.0Vp-p / 75Ω (Video 0.7Vp-p, Sync 0.3Vp-p)		
Digital Zoom	On / Off selectable (2X ~ 10X)				
S / N Ratio (Y signal)	52dB (AGC off, Weight on)				
Min. Illumination	0.05Lux@F1.2 (Normal color mode, 50 IRE) 0.0002Lux@F1.2 (Sens-up mode, 50 IRE)				
Back Light Compensation	BLC / HLC / Off				
Day & Night	Color / Auto / B/W				
Gain Control	Low / High / Off				
White Balance	ATW / AWC / Manual (1,800°K ~ 10,500°K)				
Electronic Shutter Speed	Auto / Manual (1/60 ~ 1/120,000) / Flickerless		Auto / Manual (1/50 ~ 1/120,000) / Flickerless		
Sens-up (Frame Integration)	On / Off (Selectable limit ~ 256X)				
OSD	Multi-language support (English, Japanese, Spanish, Korean)		Multi-language support (English, French, German, Spanish, Italian, Chinese)		
SSNR	On / Off selectable (1 ~ 32 Level)				
Motion Detection	On / Off selectable (8 Programmable zones)				
Privacy Masking	On / Off selectable (8 Programmable zones)				
Mirror / Flip	Horizontal or Vertical selectable				
Sharpness	On / Off selectable (Level adjustable)				
Digital Image Stabilizer (DIS)	On / Off				
Iris Control	DC / Video				
Lens Mount	C / CS-mount (Easy focus type)				
Operating Temperature	-10°C ~ +50°C				
Operating Humidity	20% ~ 90% RH				
Dimensions	58(W) x 52(H) x 121(D)mm / 2.28"(W) x 2.05"(H) x 4.76"(D)				
Weight	310g (0.68 lb)	290g (0.64 lb)	310g (0.68 lb)	290g (0.64 lb)	510g (1.12 lb)

### Dimensions

Unit : mm (inch)



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.



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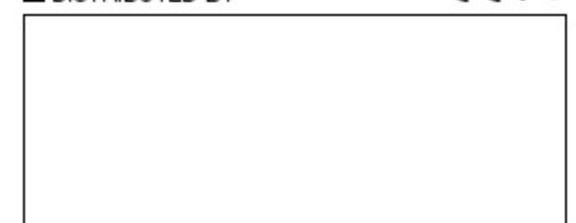
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