

High Resolution Day & Night Camera

SDC-435



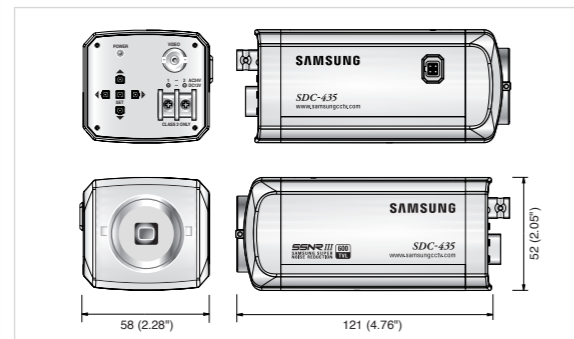
Specifications

	SDC-435N	SDC-435ND	SDC-435P	SDC-435PD	SDC-435PH
ELECTRICAL					
Input Voltage	Dual (12V DC / 24V AC)	12V DC	Dual (12V DC / 24V AC)	12V DC	230V AC, 50Hz
Power Consumption	Max. 3.5W	Max. 2.5W	Max. 3.5W	Max. 2.5W	Max. 4.0W
VIDEO					
Imaging Device	1/3" Super HAD CCD				
Total Pixels	811(H) x 508(V)		795(H) x 596(V)		
Effective Pixels	678(H) x 494(V)		752(H) x 582(V)		
Scanning System	2 : 1 Interlace				
Synchronization	Internal / Line lock	Internal	Internal / Line lock	Internal	Internal / Line lock
Frequency	H : 15.734KHz / V : 59.94Hz		H : 15.625KHz / V : 50Hz		
Horizontal Resolution	600TV lines (Min.)				
Min. Illumination	Color : 0.05Lux (50 IRE@F1.2), 0.0001Lux (Sens-up, 512X)				
S / N (Y signal)	52dB (AGC off, Weight on)				
Video Output	CVBS : 1.0 Vp-p / 75 composite				
OPERATIONAL					
On Screen Display	Korea, English, Japan, Spanish, French, Portuguese		English, French, German, Spanish, Italian, Chinese, Russian, Polish, Czech		
Camera Title	Off / On (Displayed 15 characters)				
Day & Night	Color / B/W / Auto (Electrical)				
SSDR	On / Off (Level adjustable)				
Backlight Compensation	BLC / HLC / Off				
Motion Detection	On / Off (8 programmable zones)				
Digital Image Stabilization	On / Off				
Privacy Masking	On / Off (12 Programmable zones)				
2D+3D Noise Filter (SSNRIII)	On / Off				
Sens-up (Frame Integration)	Auto / Off (Selectable 2X ~ 512X)				
Gain Control	Low / High / Off				
White Balance	ATW / Outdoor / Indoor / Manual / AWC (1700K° ~ 11000K°)				
Electronic Shutter Speed	1/60 ~ 1/120,000sec		1/50 ~ 1/120,000		
Digital Zoom	On / Off (1X ~ 16X)				
Sharpness	On / Off (Level adjustable)				
Flip / Mirror	On / Off				
Freeze	On / Off				
Communication	Coaxial (Protocol : Pelco Coaxitron)				
ENVIRONMENTAL					
Operating Temperature / Humidity	-10°C ~ +50°C / 30% ~ 80% RH				
Storage Temperature / Humidity	-20°C ~ +60°C / 20% ~ 90% RH				
MECHANICAL					
Dimension (WxHxD)	58 x 52 x 121mm (2.28" x 2.05" x 4.76")				
Weight	310g (0.68 lb)	290g (0.64 lb)	310g (0.68 lb)	290g (0.64 lb)	510g (1.12 lb)
Lens Mount	C / CS				
Certifications	FCC (Class A), UL/cUL listed		FCC (Class A) CE (Class A)		

Dimensions

Unit : mm (inch)

Rear Panel



Design and specifications are subject to change without notice.

DISTRIBUTED BY



SAMSUNG TECHWIN



Breakthrough Clarity!
High Resolution
600TV lines

SDC-435

High Resolution Day & Night Camera

- Crystal Clear Color Images at 600TV lines Resolution
- Ultra Low Light Level of 0.05Lux
- 2D/3D Filtering Noise Reduction Technology SSNRIII
- HLC (Highlight Compensation) Backlight Compensation Technology
- SSDR (Samsung Super Dynamic Range)
- DIS (Digital Image Stabilization) Technology, COAX Control



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



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 Hillwood Drive, Hillwood 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