

43x Zoom

Industry's most powerful PTZ



43x Zoom High Resolution WDR PTZ Dome Camera

SCP-3430/3430H

SCP-2430/2430H

SCP-3430/3430H/2430/2430H PTZ dome cameras are able to capture quality images over expansive areas due to their 43x optical zoom. These cameras offer clear and vivid images with 600TV lines color resolution and perform perfectly at low light levels down to 0.7Lux/0.2Lux. The SCP-3430H/2430H cameras come with a pre-fitted housing for extra convenience.

- Powerful 43x optical zoom (3.2 ~ 138.5mm)
- High resolution of 600TV lines (Color)
- Min. illumination of 0.7Lux (SCP-3430H/3430)
0.2Lux (SCP-2430H/2430)
- VPS (SCP-3430H/3430), Intelligent video analytics (object appear/disappear)
- WDR backlight compensation (SCP-3430H/3430)
- Coax Control (CCVC)

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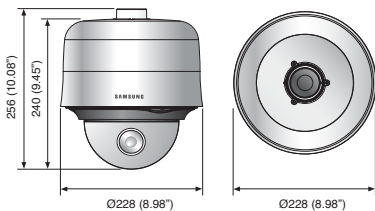
SCP-3430H/3430/2430H/2430



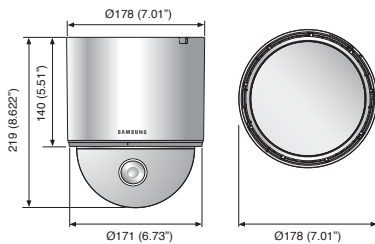
SCP-3430H/2430H SCP-3430/2430

Dimensions

Unit : mm (inch)



SCP-3430H/2430H



SCP-3430/2430

Accessories (optional):



Controller (Option)



Specifications

	SCP-3430HN/2430HN	SCP-3430HP/2430HP
VIDEO		
Imaging Device	1/4" Ex-view HAD CCD (Double scan) : SCP-3430H, 1/4" Super HAD CCD II : SCP-2430H	
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	
Synchronization	Internal / Line lock	
Frequency	H : 15.734KHz / V : 59.94Hz	H : 15.625KHz / V : 50Hz
Horizontal Resolution	Color : 600TV lines, B/W : 700TV lines	
Min. Illumination	Color : 0.7Lux@F1.65 (50IRE), 0.001Lux (Sens-up, 512x) : SCP-3430H 0.2Lux@F1.65 (50IRE), 0.0004Lux (Sens-up, 512x) : SCP-2430H B/W : 0.07Lux@F1.65 (50IRE), 0.0002Lux (Sens-up, 512x) : SCP-3430H 0.02Lux@F1.65 (50IRE), 0.00004Lux (Sens-up, 512x) : SCP-2430H	
S / N Ratio	52dB (AGC off, Weight on)	
Video Output	CVBS : 1.0 Vp-p / 75Ω composite	
LENS		
Focal Length (Zoom Ratio)	3.2 ~ 138.5mm (Optical 43x)	
Max. Aperture Ratio	1 : 1.65(Wide) ~ 3.7(Tele)	
Angular Field of View	H : 61.22°(Wide) ~ 1.47°(Tele) / V : 47.16°(Wide) ~ 1.1°(Tele)	
Min. Object Distance	1m (3.28ft)	
Focus Control	Auto / Manual / One AF	
Zoom Movement Speed	3.2sec (Wide to tele)	
PAN / TILT		
Pan Range	360° Endless	
Pan Speed	Preset : 600°/sec, Manual : 0.01°/sec ~ 180°/sec (Proportional zoom ratio)	
Tilt Range	-6° ~ 186°	
Tilt Speed	Preset : 600°/sec, Manual : 0.01°/sec ~ 180°/sec (Proportional zoom ratio)	
Preset	512	
Preset Accuracy	±0.1°	
OPERATIONAL		
On Screen Display	English, Japanese, Spanish, French, Portuguese, Taiwanese, Korean	English, French, German, Spanish, Italian, Chinese, Russian, Polish, Czech, Romanian, Serbian, Swedish, Danish, Turkish, Portuguese
Camera Title	Off / On (Displayed 54 characters)	
Day & Night	Day / Night / Auto / Ext	
Backlight Compensation	Off / On (Area setting)	
Wide Dynamic Range	128x (52dB) : SCP-3430H	160x (52dB) : SCP-3430H
Contrast Enhancement	XDR (Off / Low / Mid / High)	
Digital Noise Reduction	Adaptive 3D+2D (Off / Low / Mid / High / User)	
Digital Image Stabilization	Off / On	
Motion Detection	Off / Tracking / Detection	
Privacy Masking	Off / On (12 programmable zones with polygonal masking)	
Sens-up (Frame Integration)	2x ~ 512x	
Gain Control	Off / On	
White Balance	ATW1 / ATW2 / AWC (Manual) / 3200K / 5600K	
Electronic Shutter Speed	1/60 ~ 1/10,000sec	1/50 ~ 1/10,000sec
Digital Zoom	Off / On (1x ~ 16x)	
Digital Flip	Off / On	
Profile	Standard / ITS / Backlight / Day & Night / Gaming / Custom	
VPS	Off / On	
Intelligent Video	Fixed / Moved	
PIP	Off / On	
Schedule	Day / Time	
Alarm	8 In 3 Out	
Communication	Coaxial control (SPC-300 compatible), RS-485	
Protocol	Coax : CCVC RS-485 : Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, GE	
ENVIRONMENTAL		
Operating Temperature / Humidity	-50°C ~ +50°C (-58°F ~ +122°F) / Up to 100% RH	
Ingress Protection	IP66	
ELECTRICAL		
Input Voltage / Current	24V AC ±10%	
Power Consumption	Max. 11W / 47W (Fan & heater on)	
MECHANICAL		
Color / Material	Light gray / Aluminum, Plastic (Dome cover : Clear)	
Dimensions (WxH)	Ø228.0 x 256.0mm (Ø8.98" x 10.08")	
Weight	3Kg (6.61 lb)	

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