



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)

43x Zoom High Resolution WDR PTZ Dome Camera

SCP-3430H/3430/2430H/2430



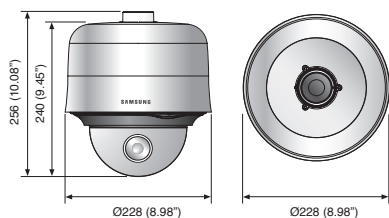
SCP-3430H/2430H



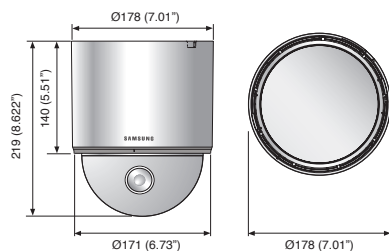
SCP-3430/2430

Dimensions

Unit : mm (inch)



SCP-3430H/2430H

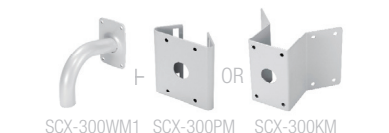


SCP-3430/2430

Accessories (optional):



SCX-300HM1
not needed for
"H" models



SCX-300WM1 SCX-300PM SCX-300KM

Controller (Option)



BPC-6000

BPC-1010

Specifications

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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