

See more details through 43x zoom networking



43x Network PTZ Dome Camera

SNP-3430H



The SNP-3430H network PTZ camera is fitted with a superb 43x zoom that is ideal for detailed monitoring, while the H.264/MPEG-4/MJPEG multi codec provides flexibility depending on your network environment. In addition, these cameras support multi-streaming technologies, transferring real-time high resolution images 30(25) fps at 4CIF resolution. Furthermore, the SNP-3430H provides a wide selection of mounting accessories such as wall, ceiling and corner brackets for the user's convenience.

- Max. 30(25)fps at 4CIF resolution
- 3.2 ~ 138.5mm (43x) optical zoom, 16x digital zoom
- H.264 / MPEG-4 / MJPEG multiple codec
- hPoE, SD memory, IP66, bi-directional audio support



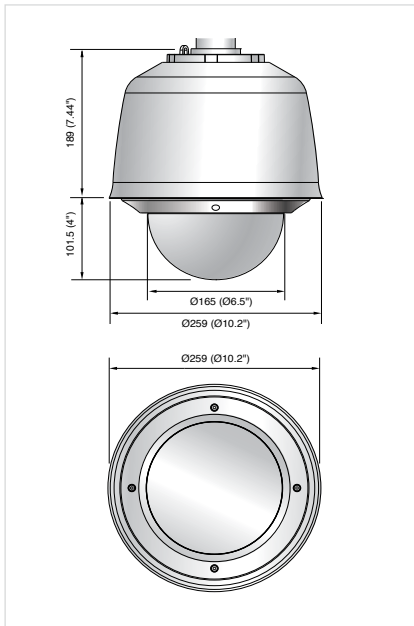
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Dimensions

Unit : mm (inch)



Accessories (Optional)



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

Specifications



	SNP-3430HN	SNP-3430HP
VIDEO		
Imaging Device	1/4" Ex-view HAD PS 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	Progressive (VPS on) (If WDR on, Interlaced scan)	
Synchronization	Internal only	
Frequency	H : 15.734KHz / V : 59.94Hz	H : 15.625KHz / V : 50Hz
Horizontal Resolution	Color : 600TV lines	
Min. Illumination	Color : 0.7Lux (F1.6, 50IRE), 0.001Lux (Sens-up, 512x), B/W : 0.07Lux (F1.6, 50IRE), 0.0001Lux (Sens-up, 512x)	
S / N Ratio	52dB	
Video Output	CVBS : 1.0 Vp-p / 75Ω composite	
LENS		
Focal Length (Zoom Ratio)	3.2 ~ 138.5mm (43x)	
Max. Aperture Ratio	F1.6(Wide) / F3.7(Tele)	
Angular Field of View	H : 61.2°(Wide) ~ 1.47°(Tele) / V : 47.2°(Wide) ~ 1.1°(Tele)	
Min. Object Distance	1m (3.28ft)	
Focus Control	AF / One-shot AF / Manual	
Zoom Movement Speed	Max. 3.2sec (Wide → Tele)	
Lens Type	DC auto iris	
Mount Type	Board-in type	
PAN / TILT / ROTATE		
Pan Range	360° Endless	
Pan Speed	Preset : 360°/sec, Manual : 0.05°/sec ~ 200°/sec	
Tilt Range	180° (0° ~ 180°)	
Tilt Speed	Preset : 360°/sec, Manual : 0.05°/sec ~ 200°/sec	
Preset	255ea	
OPERATIONAL		
On Screen Display	English, Web OSD : English, French, German, Spanish, Italian, Chinese, Korean, Japanese, Russian, Swedish, Danish, Portuguese	
Camera Title	Off / On (Displayed up to 32 characters)	
Day & Night	Auto (ICR) / Color / B/W	
Backlight Compensation	Off / BLC	
Wide Dynamic Range	128x	160x
Contrast Enhancement	XDR (eXtended Dynamic Range) (Off / Low / Medium / High)	
Digital Noise Reduction	Motion adaptive 2D+3D noise filter (Off / Low / Medium / High)	
Digital Image Stabilization	Off / On	
Motion Detection	Yes	
Privacy Masking	Off / On (12 Polygonal programmable zones)	
Sens-up (Frame Integration)	Off / Auto (2x ~ 512x)	
Gain Control	Off / Low / Medium / High / Manual	
White Balance	ATW (In) / ATW (Out) / AWC / Manual	
Electronic Shutter Speed	Off / A.FLK / Manual (1/120 ~ 1/10Ksec)	Off / A.FLK / Manual (1/100 ~ 1/10Ksec)
Digital Zoom	16x	
Flip / Mirror	Off / On	
VPS	Off / On	
Intelligent Video Analytics	Moved / Fixed	
PIP	Off / On	
Schedule	Day / Time schedule	
Alarm I/O	Input 8ea / Output 4ea (Relay)	
Remote Control Interface	RS-485	
RS-485 Protocol	Samsung-E, Samsung-T, Pelco-D, Pelco-P, Panasonic, GE(Kalatel), AD, Vicon, Honeywell(DK6), Bosch(Philips), Honeywell(VCLTP)	
NETWORK		
Ethernet	RJ-45 (10/100BASE-T)	
Video Compression Format	H.264, MPEG-4, MJPEG	
Resolution	704 x 480, 640 x 480, 352 x 240	704 x 576, 640 x 480, 352 x 288
Max. Framerate	30fps	25fps
Video Quality Adjustment	H.264 / MPEG-4 : Compression level, Target bitrate level control, MJPEG : Quality level control	
Bitrate Control Method	H.264 / MPEG-4 : CBR or VBR, MJPEG : VBR	
Streaming Capability	Multiple streaming (Up to 10 profiles)	
Audio I/O	Line in / Line out	
Audio Compression Format	G.711 u-law	
Audio Communication	2-Way	
IP	IPv4, IPv6	
Protocol	TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, PPPoE	
Security	FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS	
Streaming Method	Unicast / Multicast	
Max. User Access	10 users at unicast mode	
Memory Slot	SD/SDHC memory slot	
ONVIF Conformance	Yes	
Web Viewer	Supported OS : Windows XP / VISTA / 7, MAC OS Supported Browser : Internet Explorer 6.0 or Higher, Firefox, Google Chrome, Apple Safari	
Central Management Software	NET-i viewer	
ENVIRONMENTAL		
Operating Temperature / Humidity	-50°C ~ +50°C (-58°F ~ +122°F) / 20% ~ 80% RH	
Ingress Protection	IP66 (Waterproof)	
ELECTRICAL		
Input Voltage / Current	24V AC, hPoE / 2.5A	
Power Consumption	Max. 20W (Heater Off), Max. 50W (Heater On), hPoE 24W	
MECHANICAL		
Color / Material	Ivory / Aluminum (Vandal resistance) / Plastic sun-shield	
Dimensions (WxH)	Ø259 x 290.5 mm (Ø10.2" x 11.44")	
Weight	4.5kg (9.92 lb)	

Design and specifications are subject to change without notice.

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